

**6. DIAGRAMS AND LIST OF SUBASSEMBLIES**

INHALT		Seite
<hr/>		
LOCATION OF ASSEMBLIES		
FRONT VIEW		6/1
BACK VIEW		6/2
LOCATION OF JUMPERS AND ADJUSTING ELEMENTS		6/3
VU-PEAK BOARD ADJUSTING ELEMENTS		6/4
<hr/>		
WIRING DIAGRAMS		
WIRING BLOCK DIAGRAM		6/5
WIRE HARNESS MONITOR	1.777.820.00	6/7
LINE POTMETER OUTPUT	1.777.825.00	6/8
CONNECTION UNIT	1.777.830.00	6/9
<hr/>		
TAPE DECK CONTROL DIAGRAMS		
SPOOLING SERVO BLOCK DIAGRAM		6/11
CPU BLOCK DIAGRAM		6/12
CAPSTAN SERVO DIAGRAM		6/13
MAINS TRANSFORMER	1.777.300.00	6/15
DISTRIBUTOR BOARD	1.777.320.00	6/17
CONTROL BOARD	1.777.400.22	6/19
TENSION ARM BOARD	1.777.211.00	6/23
TAPE MOVE SENSOR PCB	1.020.316.00	6/25
TAPE SENSOR BOARD	1.050.312.00	6/27
TACHO BOARD	1.777.250.00	6/29
CAPSTAN SERVO BOARD	1.777.410.21	6/31
CAPSTAN SERVO BOARD	1.777.412.21	6/35
FAST START BOARD	1.777.414.00	6/39
CONNECTION BOARD	1.777.441.00	6/41
KEYBOARD	1.777.450.00	6/43
KEYBOARD	1.777.451.00	6/45
<hr/>		
AUDIO DIAGRAMS		
AUDIO BLOCK DIAGRAM		6/47
AUDIO BASIS BOARD	1.777.500.81	6/49
MIC-LINE-SWITCH BOARD	1.777.520.00	6/53
INSTALLATION INSTRUCTIONS FOR THE MIC OPTION BOARD		6/55
RECORD EQUALIZER BOARD	1.777.540.00	6/57
RECORD SPEED BOARD 9.5/19 IEC	1.777.550.00	6/59
RECORD SPEED BOARD 19/38 IEC	1.777.552.00	6/61
RECORD SPEED BOARD 9.5/38 IEC	1.777.554.00	6/63
RECORD SPEED BOARD 19/38 NAB	1.777.558.00	6/67
RECORD SPEED BOARD 9.5/38 NAB	1.777.559.00	6/69
ERASE AMPLIFIER BOARD	1.777.560.81	6/71
BIAS CONTROL BOARD	1.777.570.81	6/73
PREAMPLIFIER BOARD	1.777.610.00	6/75
REPRODUCE EQUALIZER BOARD	1.777.620.00	6/77
REPRO SPEED BOARD 9.5/19 IEC	1.777.630.00	6/79
REPRO SPEED BOARD 19/38 IEC	1.777.632.00	6/81
REPRO SPEED BOARD 9.5/38 IEC	1.777.634.00	6/83
REPRO SPEED BOARD 9.5/19 NAB	1.777.636.00	6/85
REPRO SPEED BOARD 19/38 NAB	1.777.638.00	6/87
REPRO SPEED BOARD 9.5/38 NAB	1.777.639.00	6/89
OUTPUT AMPLIFIER BOARD	1.777.640.00	6/91
AUDIO SWITCH BOARD	1.777.462.00	6/93
AUDIO SWITCH BOARD	1.777.463.00	6/95
VU-PEAK BOARD	1.777.460.00	6/97

Subject to change  
Prepared and edited by  
STUDER REVOX  
TECHNICAL DOCUMENTATION  
Althardstrasse 10  
CH-8105 Regensdorf-Zürich

Copyright by WILLI STUDER AG  
Printed in Switzerland

Order No.: 10.30.0691 (Ed. 0489)

REVOX is a registered trade mark of WILLI STUDER AG  
Regendorf.

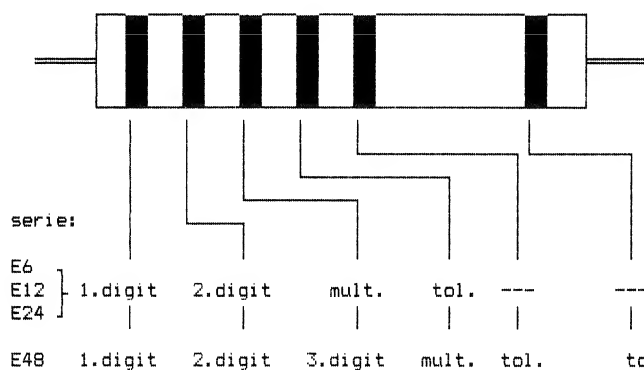
**ABBREVIATIONS**

A	assemblie
ANT	antenna
B	bulb
BA	battery, accumulator
BR	optocoupler (bulb --> LDR)
C	capacitor
D	diode, DIAC
DL	LED light-emit. diode
DLQ	optocoupler (LED --> phototransistor)
DLR	optocoupler (LED --> LDR)
DLZ	LED-array, 7-segment-display
DP	photodiode
DZ	rectifier
E	electronic part
EF	headphones
F	fuse
FL	filter
H	head (sound-/erase-)
HC	hybrid circuit
HE	hall element
IC	integrated circuit
J	jack (female)
JS	jumper
K	relay, contactor
L	coil, inductance
LS	loudspeaker
M	motor
ME	meter
MIC	microphone
MP	mechanical part
P	plug (male)
PU	pick up
Q	transistor, FET, thyristor, TRIAC
QP	phototransistor
QPZ	phototransistor-array
R	resistor
RP	light depend. resistor
RT	temp. sensit. resistor
RZ	resistor array
S	switch
T	transformator
TL	delay line
TP	test point
W	wire, stranded wire
X	socket, holder
XB	lamp socket
XF	fuse holder
XIC	IC-socket
Y	quarz, piezoelement
Z	network, array

**POWERS OF TEN**

designation	abbrev.	value
Tera-	T	$10^{12}$
Giga-	G	$10^9$
Mega-	M	$10^6$
Kilo-	k	$10^3$
Milli-	m	$10^{-3}$
Mikro-	$\mu$	$10^{-6}$
Nano-	n ( $\mu\mu$ )	$10^{-9}$
Pico-	p ( $\mu\mu$ )	$10^{-12}$
Femto-	f	$10^{-15}$

() = USA used designation

**CODE LETTERS AND COLORS****Resistors**

color	digit	multiplier	tolerance	tc
gold	-	0,01	5 %	-
silver	-	0,1	10 %	-
black	0	1	-	-
brown	1	10	1 %	$100 \cdot 10^{-6}/K$
red	2	100	2 %	$50 \cdot 10^{-6}/K$
orange	3	1 k	-	$15 \cdot 10^{-6}/K$
yellow	4	10 k	-	$25 \cdot 10^{-6}/K$
green	5	100 k	0,5 %	-
blue	6	1 M	0,25 %	-
violet	7	10 M	0,1 %	-
grey	8	-	-	-
white	9	-	-	-

No tc-coding =  $50 \cdot 10^{-6}/K$ **CAPACITORS**

The tolerance category is sometimes specified by a letter after the rated capacitance:

D	= 0,5 %
F	= 1 %
G	= 2 %
J	= 5 %
K	= 10 %
M	= 20 %

**MOLDED RF COILS**

A wide silver-colored ring and 4 thin, differently colored rings identify molded RF coils. The wide silver ring indicates the start of the counting direction. The second, third, and fourth ring indicate the inductance in micro Henry ( $\mu\text{H}$ ), where two of the three rings represent the numeric value, the third one either a multiplier or the numeric value, the third one either a multiplier or the decimal point. In the latter case it has a golden color. The fifth ring identifies the tolerance in percent ( $\pm$ ).

color	digit	multiplier	tolerance
gold	,	-	5 %
silver	-	-	10 %
black	0	1	-
brown	1	10	1 %
red	2	100	2 %
orange	3	$10^3$	-
yellow	4	$10^4$	-
green	5	$10^5$	0,5 %
blue	6	$10^6$	-
violet	7	$10^7$	-
grey	8	$10^8$	-
white	9	$10^9$	-
without	-	-	20 %

examples:

silver    gold*    brown    green    silver	= 0,15 $\mu\text{H}$ 10 %
silver    red    gold*    violet    ---	= 2,7 $\mu\text{H}$ 20 %
silver    grey    red    brown**    gold	= 820 $\mu\text{H}$ 5 %
* Decimal point	
** Multiplier	

**INDUCTORS, transformers on ferrite cores**

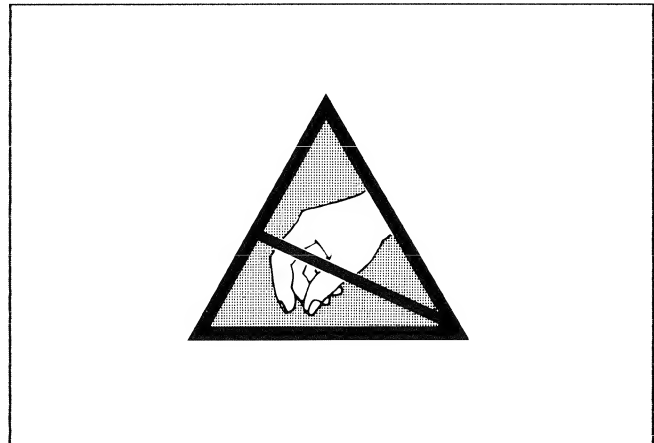
Inductors and transformers on ferrite cores are marked with three colored dots (for color codes, refer to the table in the section "Resistors", the two left-hand columns). These dots represent the last three digits of the WILLY STUDER standard number, the largest of the standard number (1.022.- --> are always the same).

E.g.: Driver Transformer, 150 khz.  
Standard number: 1.022.211  
Color code: red (large dot), brown, brown

Terminal 1 of the winding form is usually identified by a lobe; if not the winding form features a yellow dot near terminal No. 1.

**NOTE**

Some of the order numbers contained in the following lists are used for production purposes only. The reference numbers may deviate for service purposes. Electrical components such as resistors, capacitors, transistors, IC's etc. having no special unit-specific number and not identified respectively should be purchased locally.

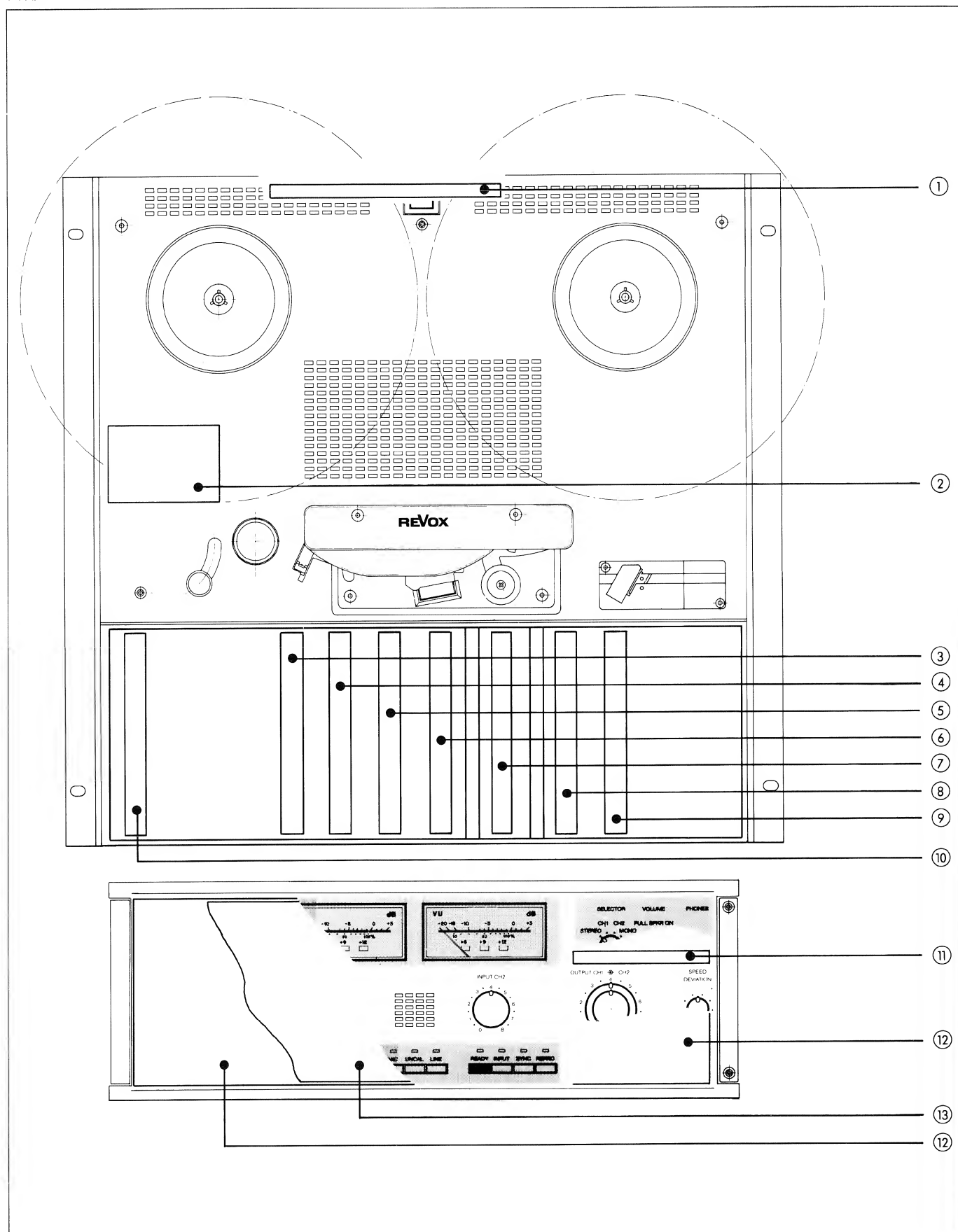
**ELECTROSTATICALLY SENSITIVE  
SEMICONDUCTOR DEVICES**

MOS (Metal oxide semiconductor) devices are very sensitive to electrostatic charges. The following precautions should, therefore, be observed:

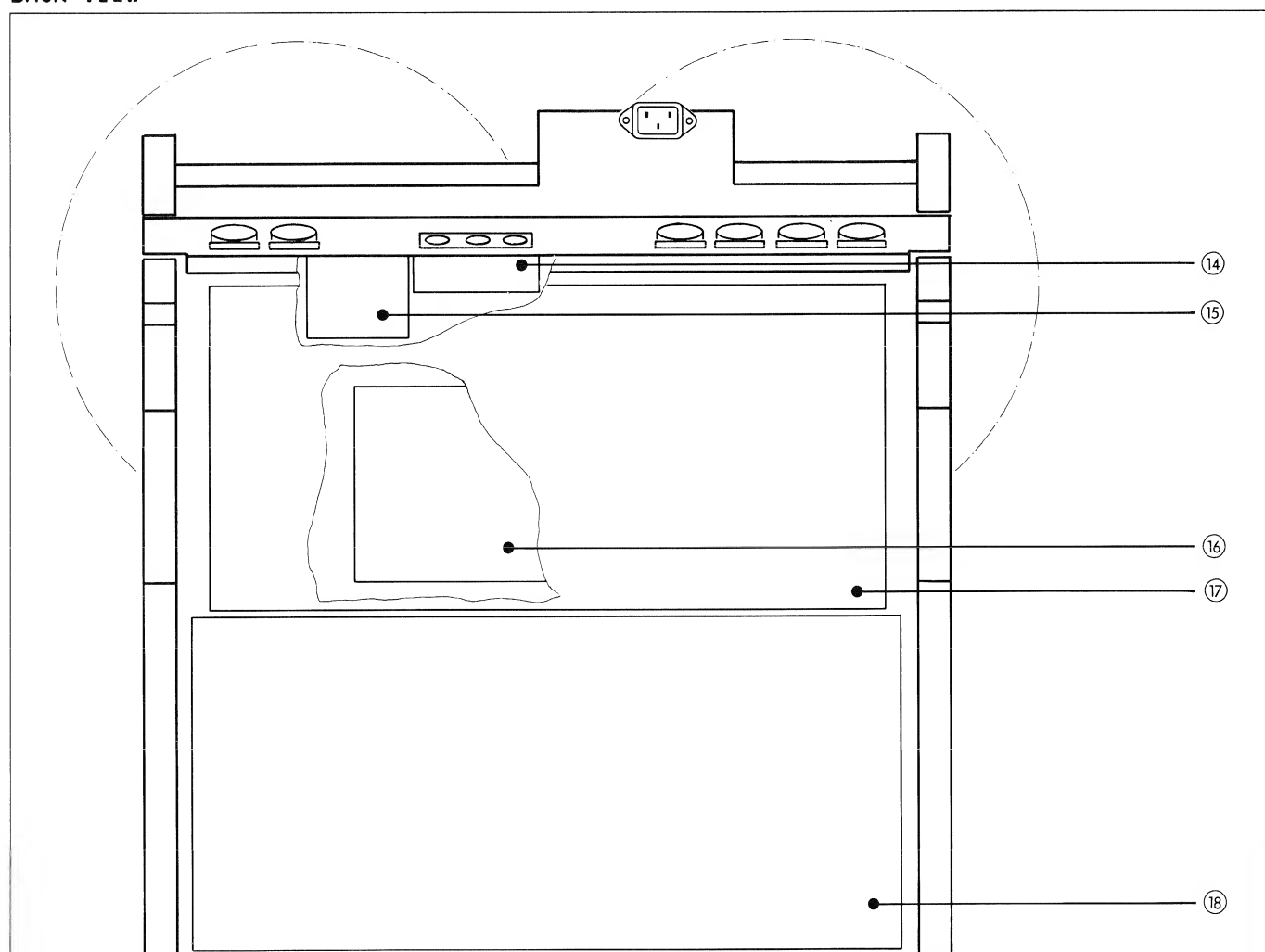
1. Electrostatically sensitive semiconductor devices and assemblies are stored and shipped in protective packing is identified with the label illustrated above.
2. Strictly avoid contact of the connector pins with plastic bags and foils or other statically chargeable materials.
3. Ensure that your wrist is grounded before touching the connector pins.
4. Use a grounded, conductive plastic pad as a work surface.
5. Never unplug or insert printed circuit boards while the equipment is under power! The equipment must have been switched off for at least 5 seconds before any PCBs are pulled out or inserted!



## FRONT VIEW

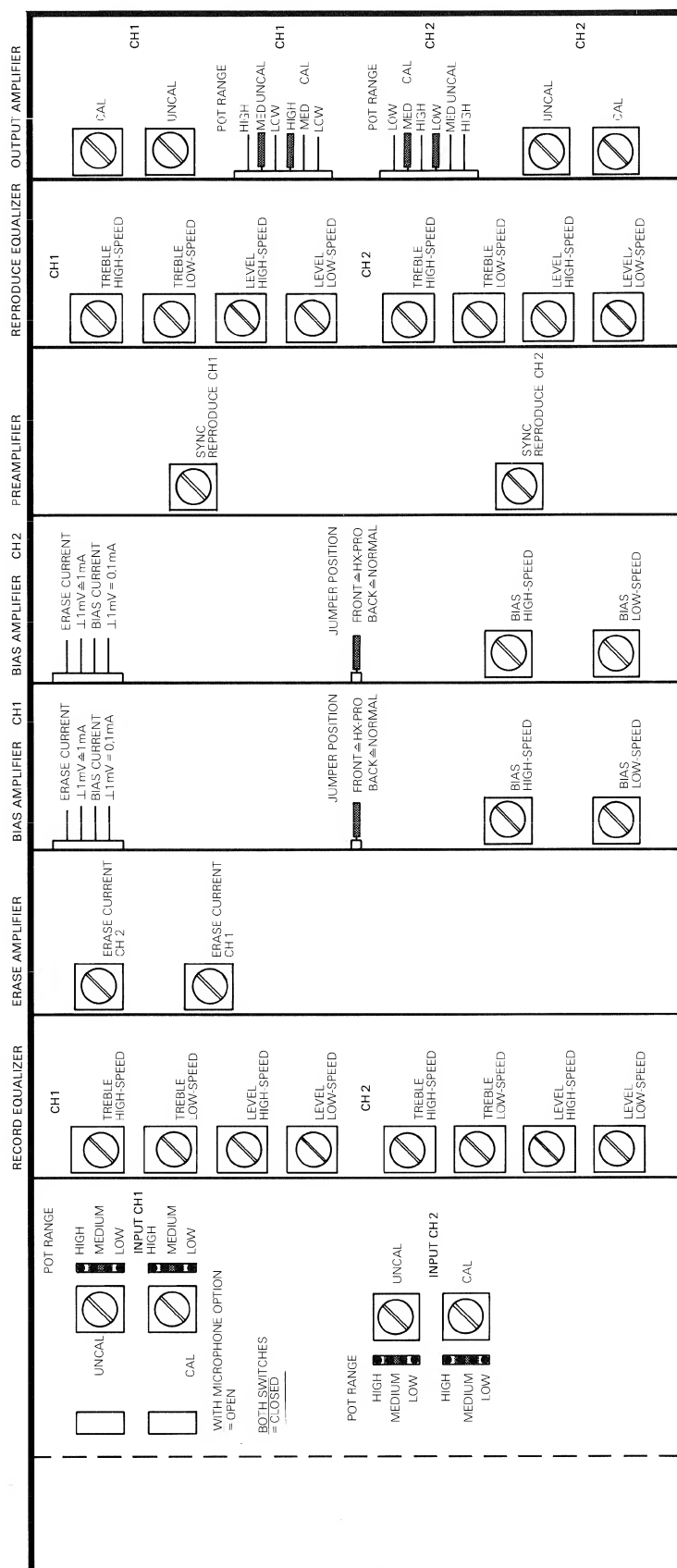


## BACK VIEW



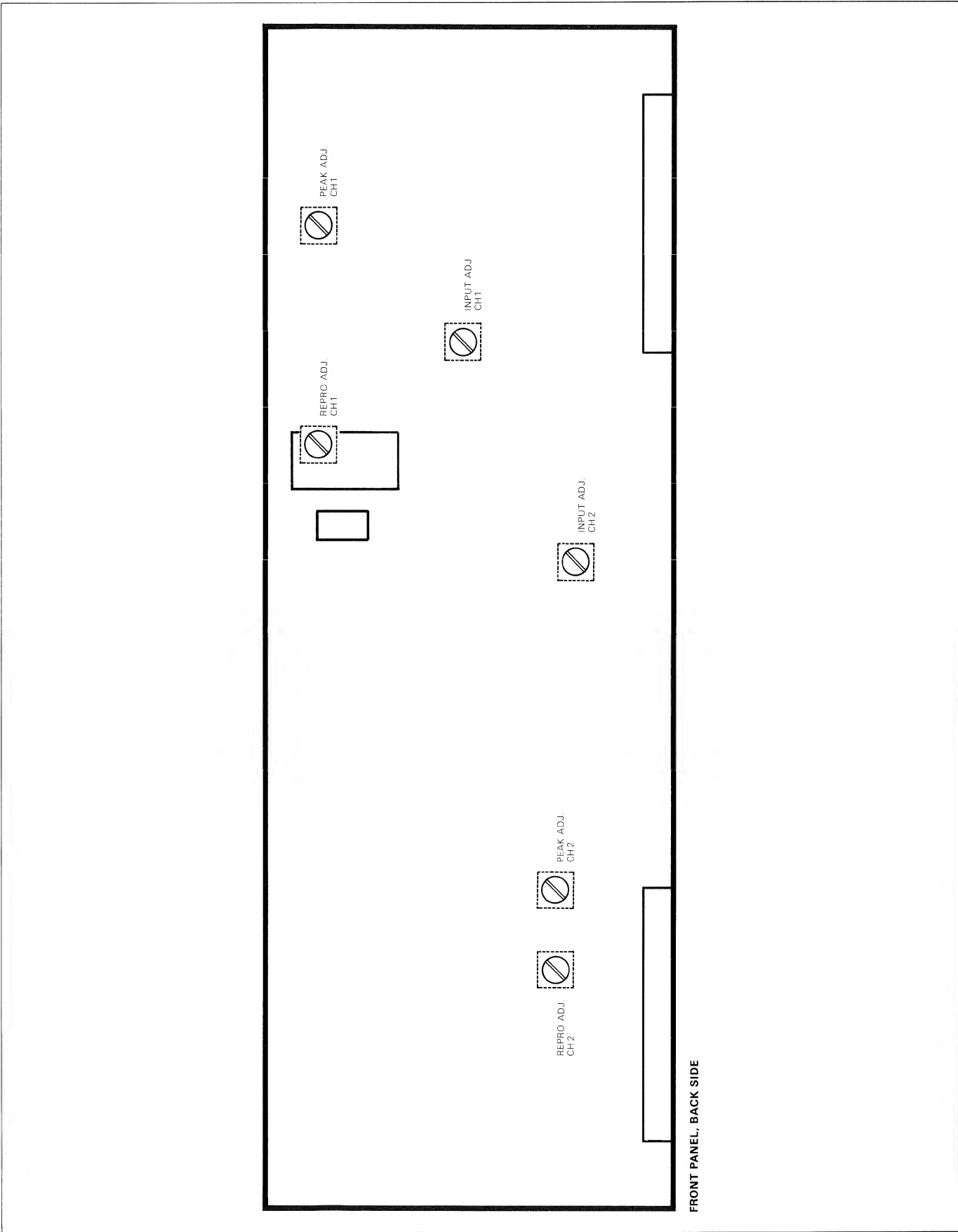
[1]	DISTRIBUTOR BOARD	1.777.320.00
[2]	TENSION ARM BOARD	1.777.211.00
[3]	RECORD EQUALIZER BOARD	1.777.540.00
	- RECORD SPEED BOARD	1.777.550.00 - .559.00
[4]	ERASE AMPLIFIER BOARD	1.777.560.00
[5]	BIAS AMPLIFIER BOARD	1.777.570.00
[6]	BIAS AMPLIFIER BOARD	1.777.570.00
[7]	PREAMPLIFIER BOARD	1.777.610.00
[8]	REPRODUCE EQUALIZER BOARD	1.777.620.00
	- REPRO SPEED BOARD	1.777.630.00 - .639.00
[9]	OUTPUT AMPLIFIER BOARD	1.777.640.00
[10]	MIC LINE SWITCH BOARD (Option)	1.777.520.00
[11]	SWITCH BOARD	1.777.462.00
[12]	KEYBOARD	1.777.450.00
[13]	VU-PEAK BOARD	1.777.460.00
[14]	CONNECTION BOARD	1.777.441.00
[15]	TACHO BOARD	1.777.250.00
[16]	CAPSTAN SERVO BOARD	1.777.410.20
	- FAST START BOARD	1.777.414.00
[17]	CONTROL BOARD	1.777.400.22
[18]	AUDIO BASIS BOARD	1.777.500.81

## LOCATION OF JUMPERS AND ADJUSTING ELEMENTS

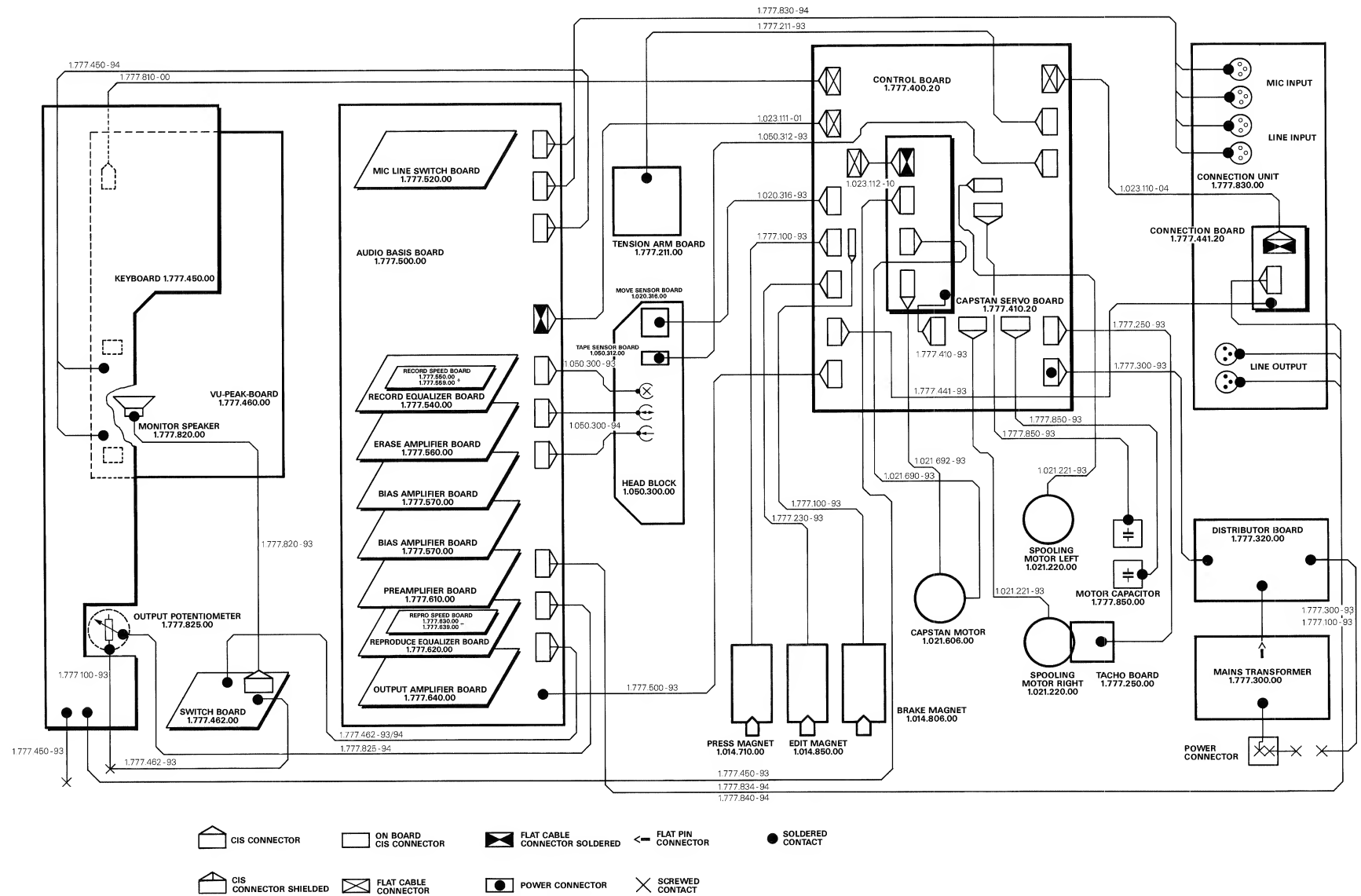


FRONT VIEW 1.777.500.00  
(WITH UNITS)

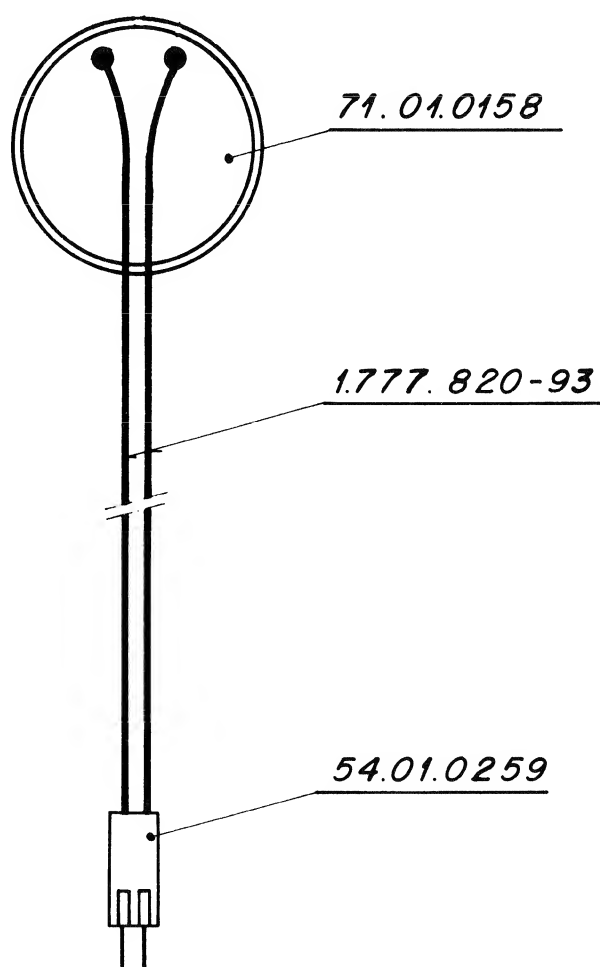
VU-PEAK BOARD ADJUSTING ELEMENTS



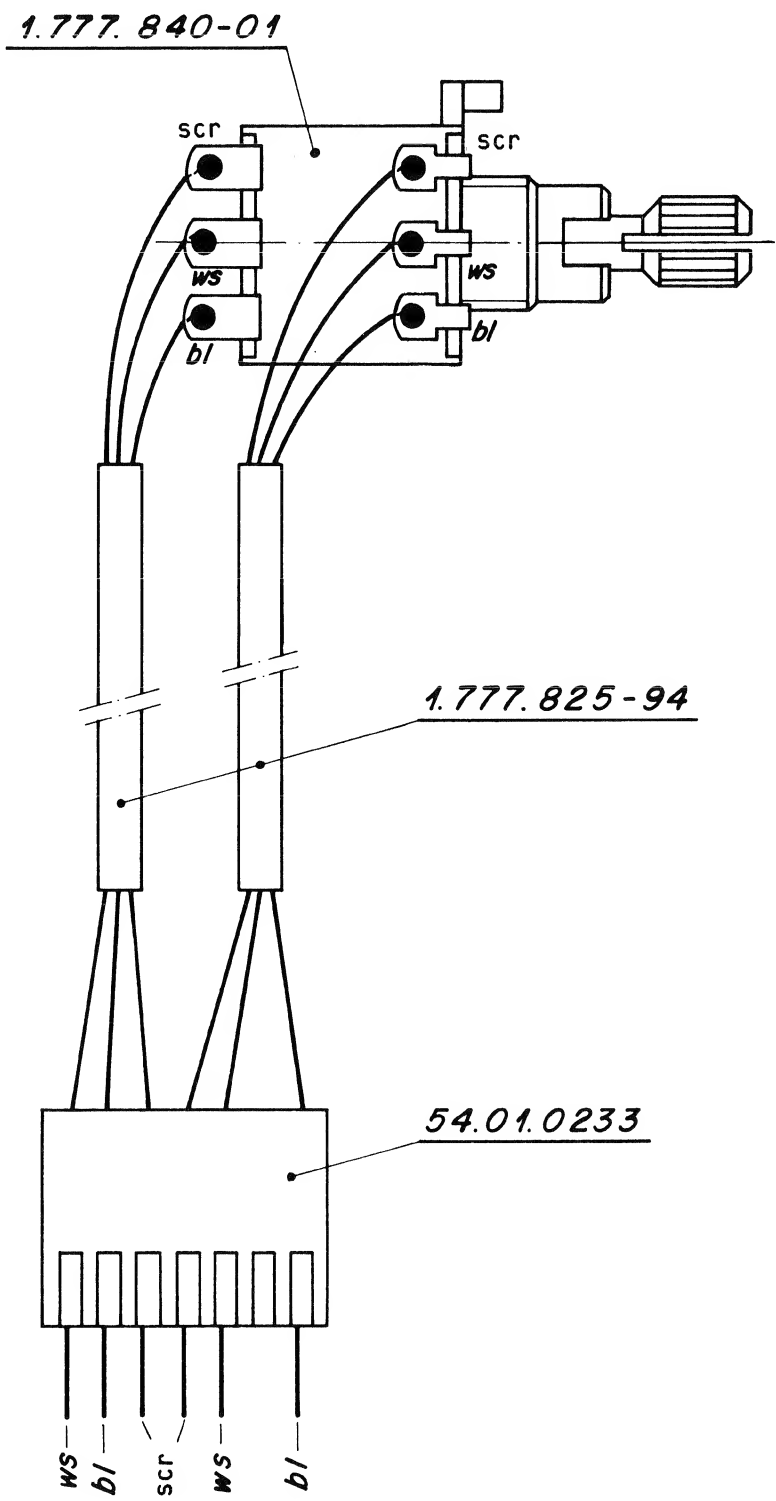
## WIRING BLOCK DIAGRAM



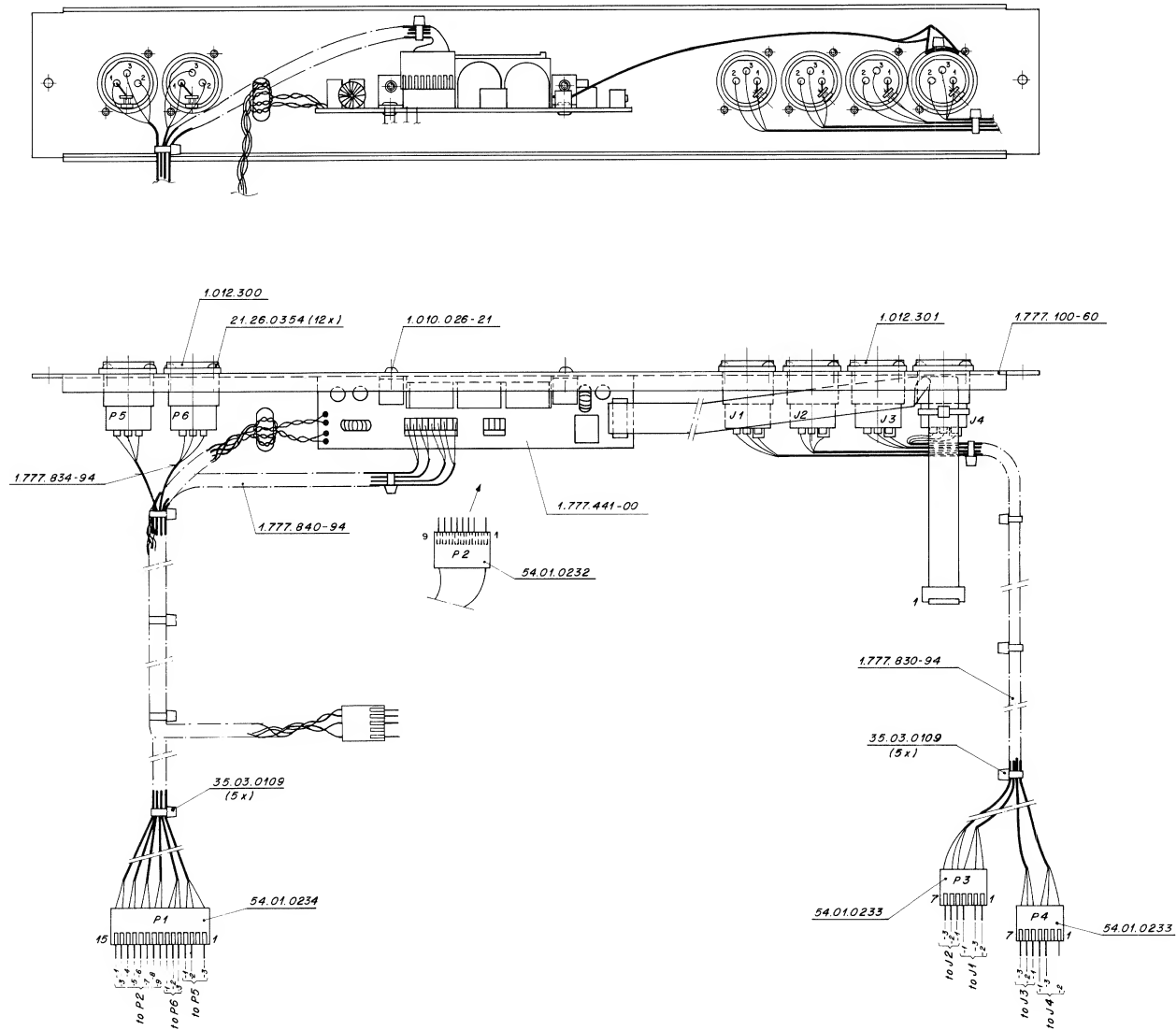
## WIRE HARNESS MONITOR 1.777.820.00



LINE POTMETER OUTPUT 1.777.825.00

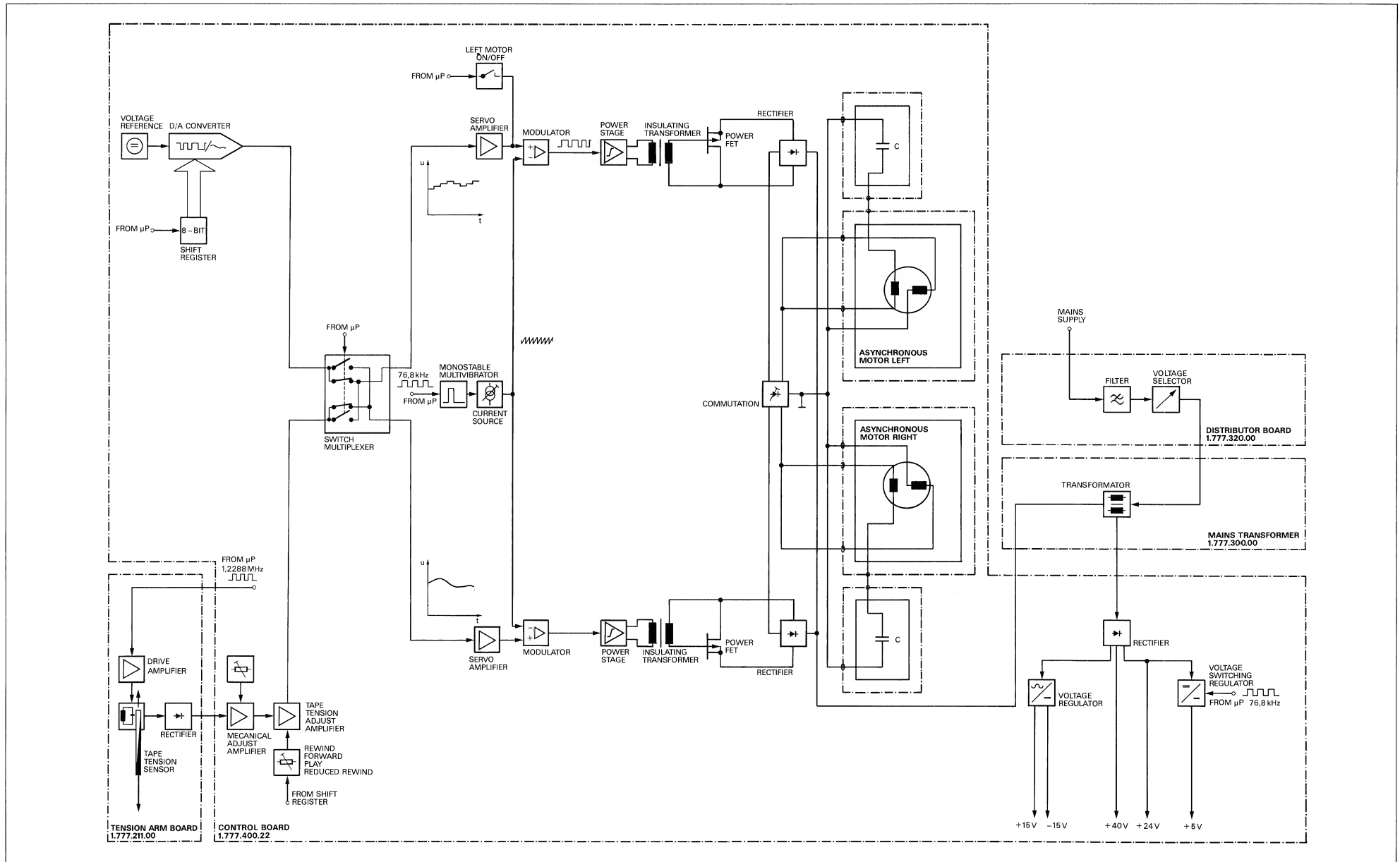


## CONNECTION UNIT 1.777.830.00

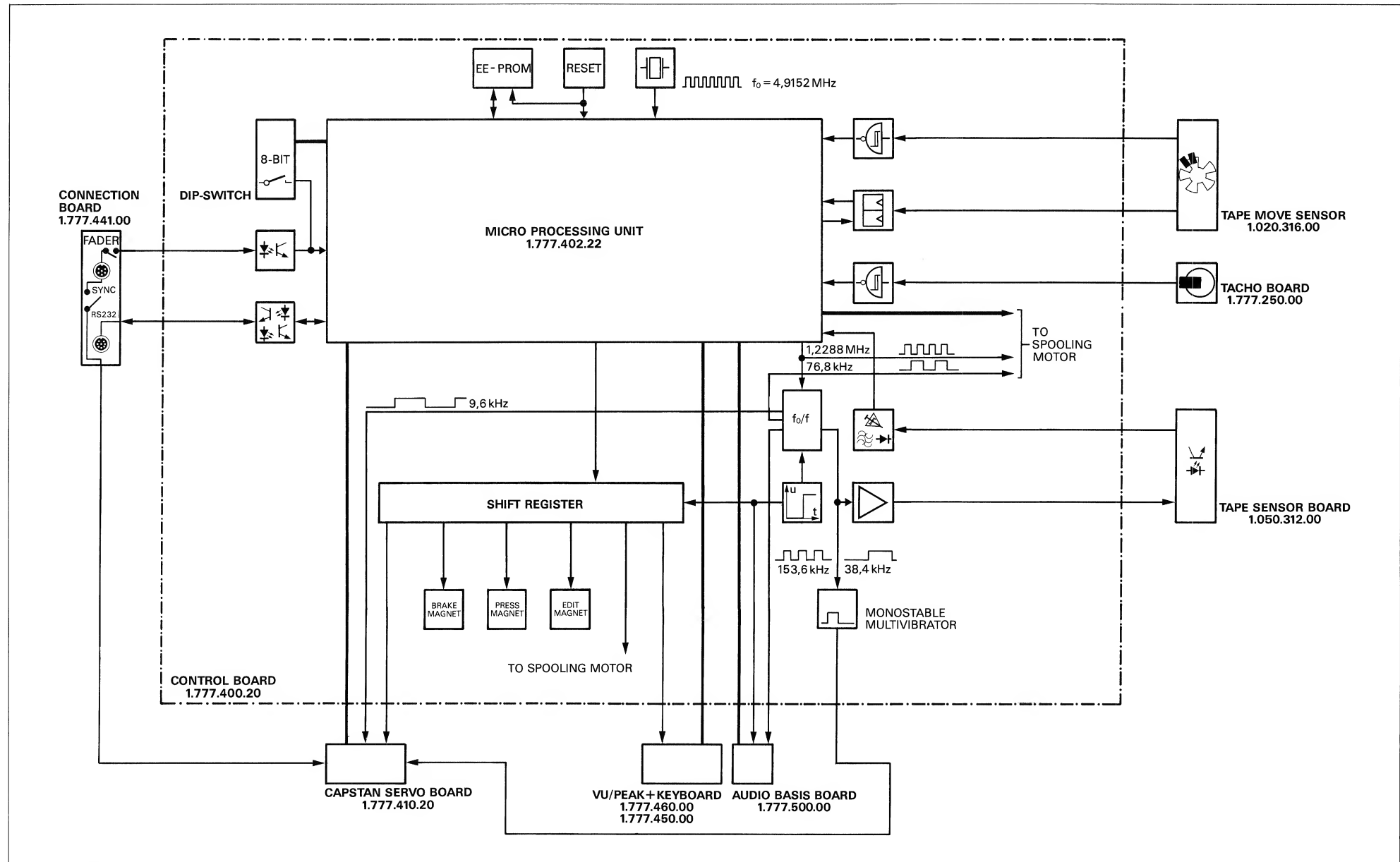




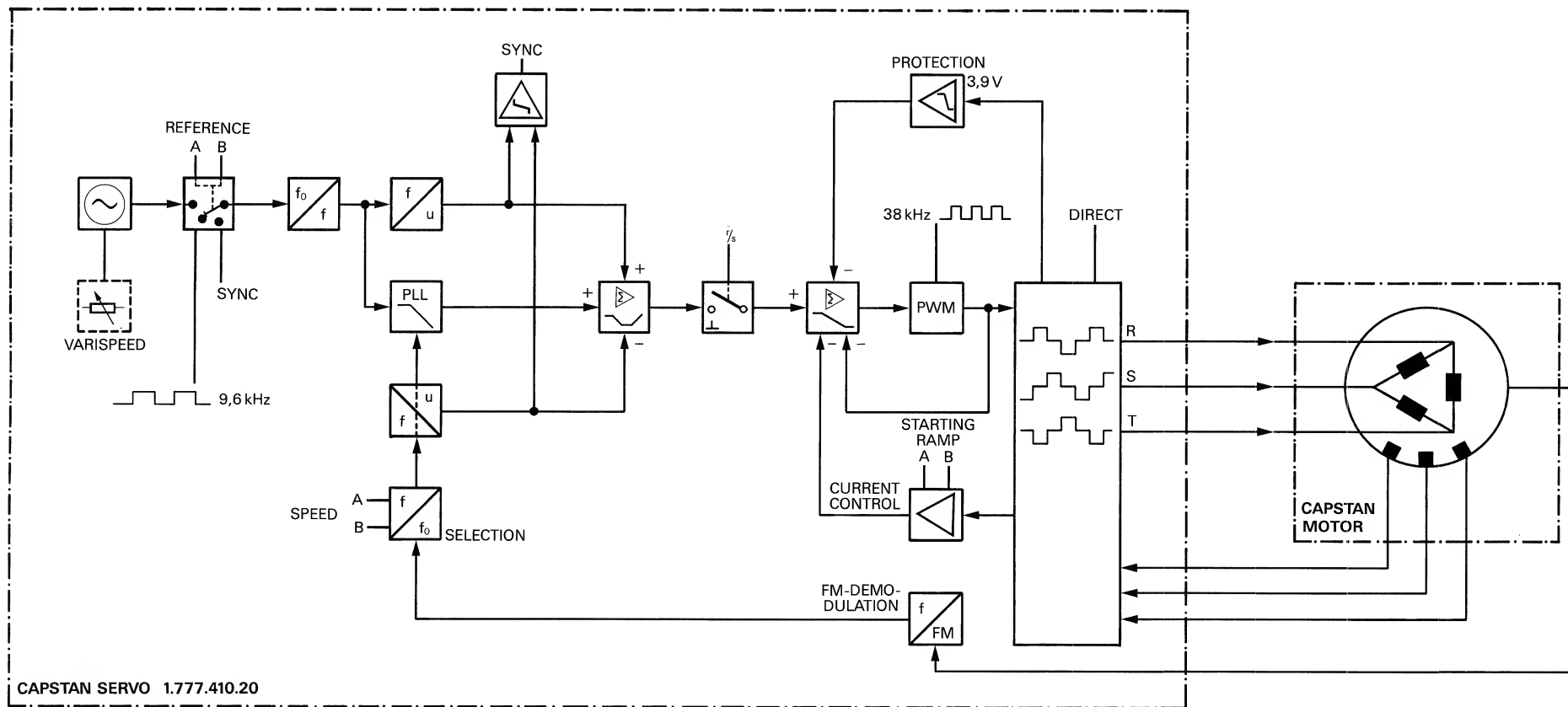
## SPOOLING SERVO BLOCK DIAGRAM



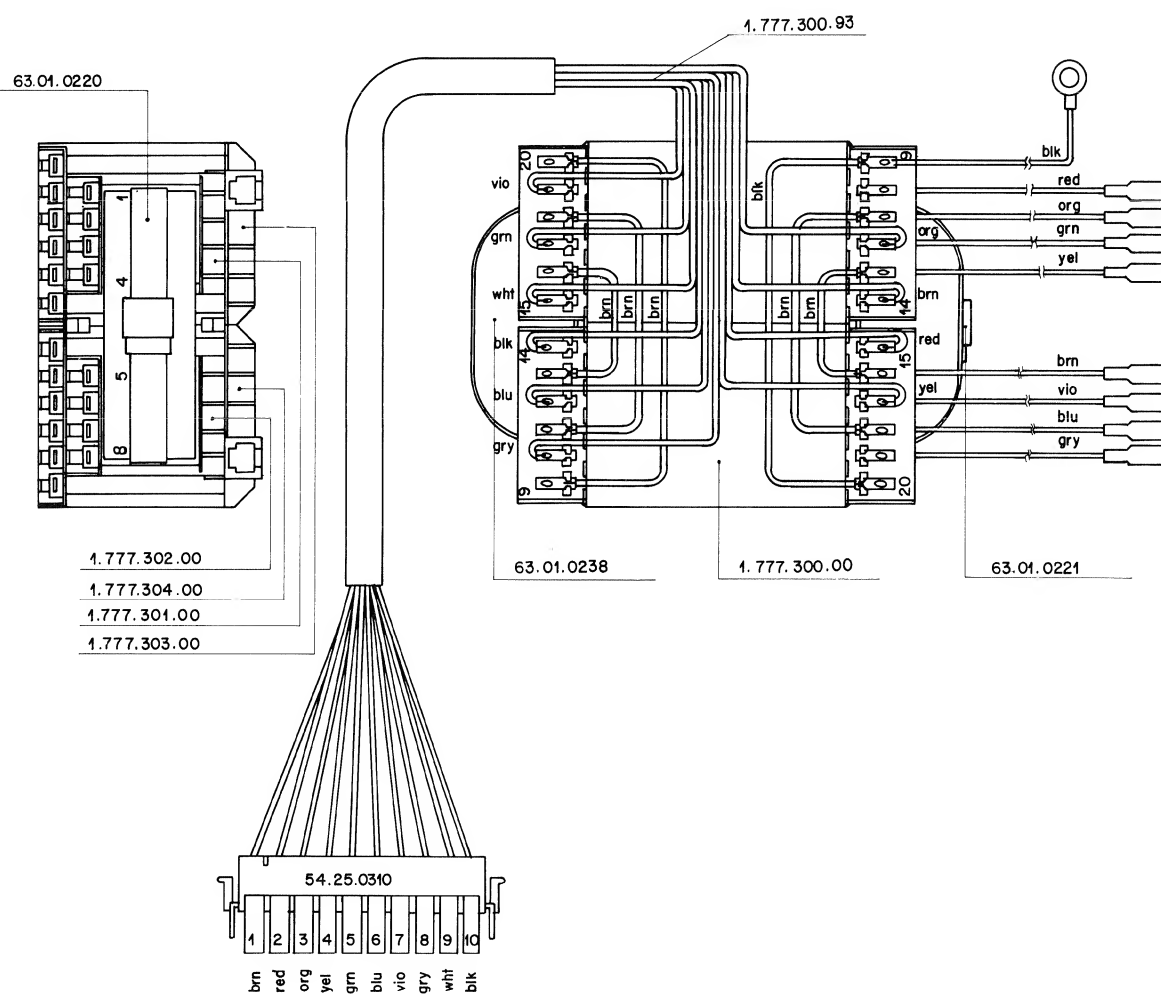
## CPU BLOCK DIAGRAM



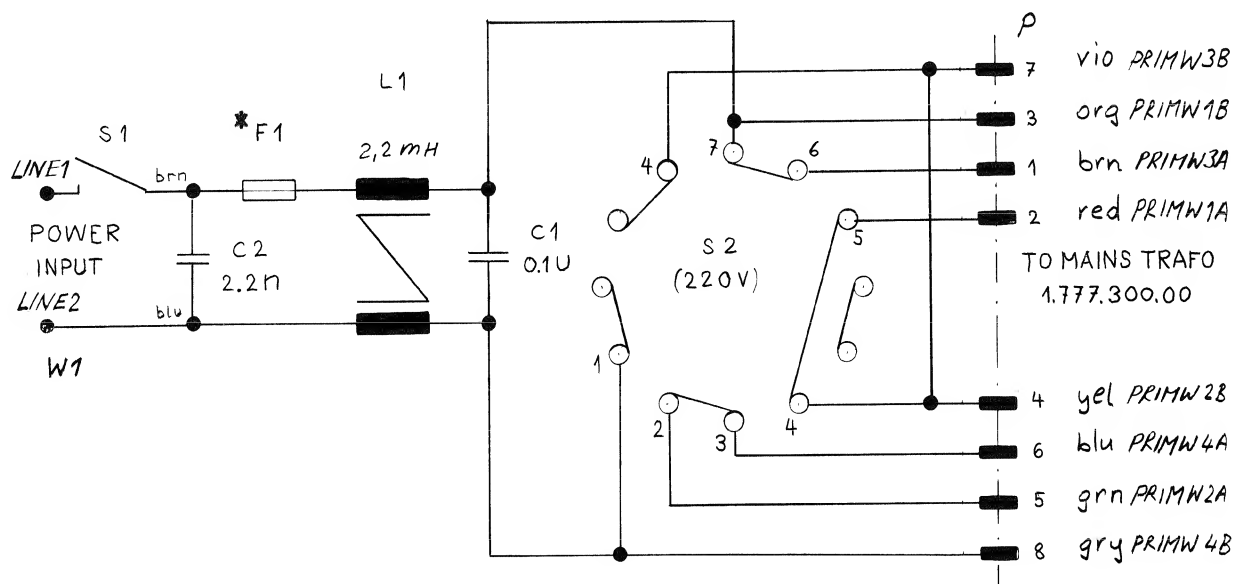
CAPSTAN SERVO DIAGRAM



## MAINS TRANSFORMER 1.777.300.00



DISTRIBUTOR BOARD 1.777.320.00



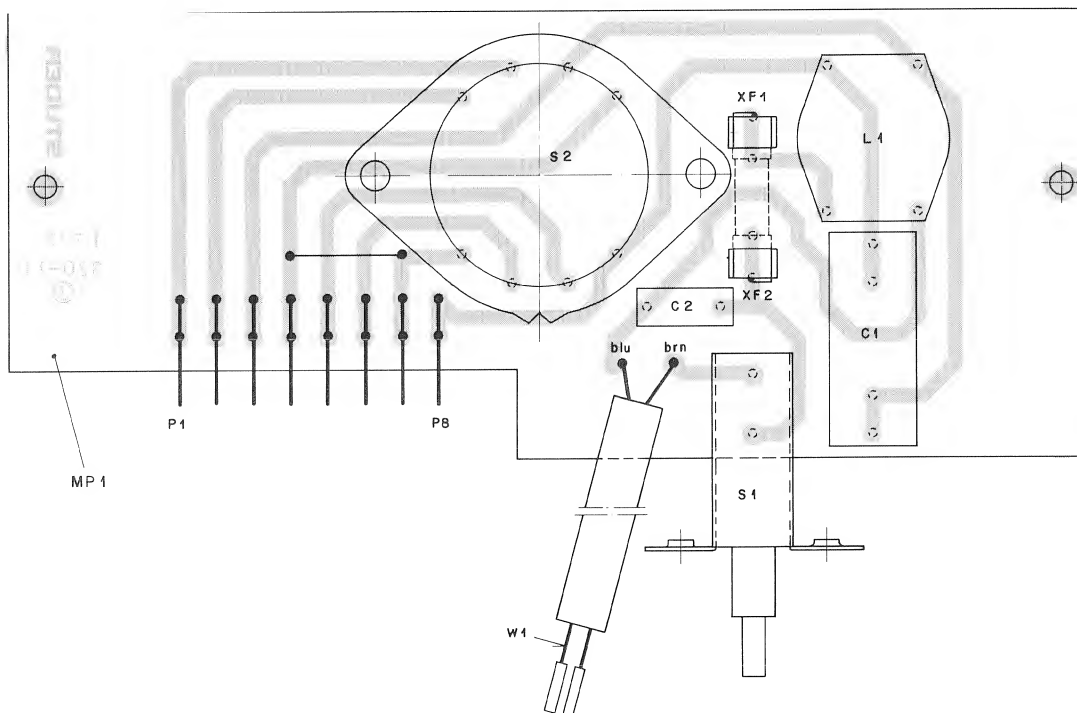
\*Power fuse (F1)

100...140V: T 2,5 A / 250V (slow)

200...240V: T 1,25A / 250V (slow)

08.1.87	...	...	...	...
C270	PAGE 1 OF 1			
STUDER	DISTRIBUTOR BOARD			SC 1.777.320.00

## DISTRIBUTOR BOARD 1.777.320.00



INO.	PDS NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUFACTURER
	C..0001	59.14-0104	-1 U	20%, 250V, IEC65	RI
	C..0002	59.14-0222	200 P	20%, 250V, IEC65	RI
	L..0001	52.03-0100	252.2mH	2 A, TOROIDAL CHDKE	Sie, Tokin
(00)	MP.0001	1.777.320.11		DISTRIBUTOR PCB	St
(01)	MP.0001	1.777.320.11		DISTRIBUTOR PCB (-1)	St
(02)	MP.0001	1.777.320.12		DISTRIBUTOR PCB (-1)	St
	P..0001	54.02-0328	2.800.8	FLAT,ANGLE	St
	P..0002	54.02-0328	2.800.8	FLAT,ANGLE	St
	P..0003	54.02-0328	2.800.8	FLAT,ANGLE	St
	P..0004	54.02-0328	2.800.8	FLAT,ANGLE	St
	P..0005	54.02-0328	2.800.8	FLAT,ANGLE	St
	P..0006	54.02-0328	2.800.8	FLAT,ANGLE	St
	P..0007	54.02-0328	2.800.8	FLAT,ANGLE	St
	P..0008	54.02-0328	2.800.8	FLAT,ANGLE	St
	S..0001	55.03-0286	- 240V	MAINS INTERRUPTOR PRINTCONNEC.	Alps
	S..0002	55.03-0131	- 240V	VOLTAGE SELECTOR PRINT	Tockentrup
	XF.0001	53.03-0142	5 0 20	LOCKING	St
	XF.0002	53.03-0142	5 0 20	LOCKING	St
	W..0001	1.777.320.93		WL-DISTRIBUTOR BOARD	St

(01) 14.01.87 Value adjust  
(02) 18.05.88 PCB revise

MANUFACTURER: Ri=Rifa, Alps=Alps&Co, Teckentrup=Teckentrup KG, St=Studer  
Sie=Siemens.

ORIG 86/09/19 (01) 87/01/14 (02) 88/05/18

S T U O E R (02) 88/05/18

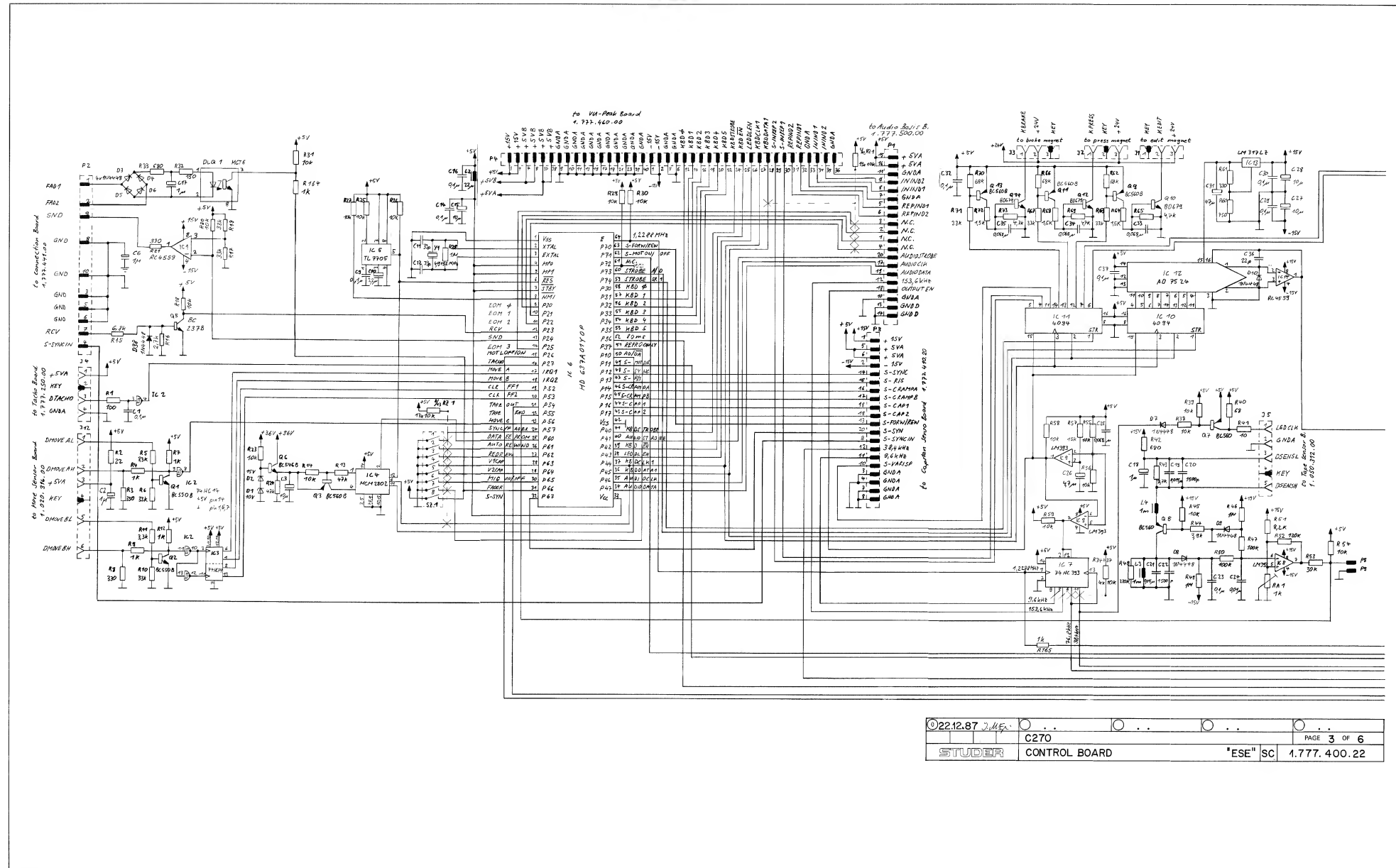
(02) 88/05/18

DISTRIBUTOR BOARD

PL 1.777.320.00 PAGE 1

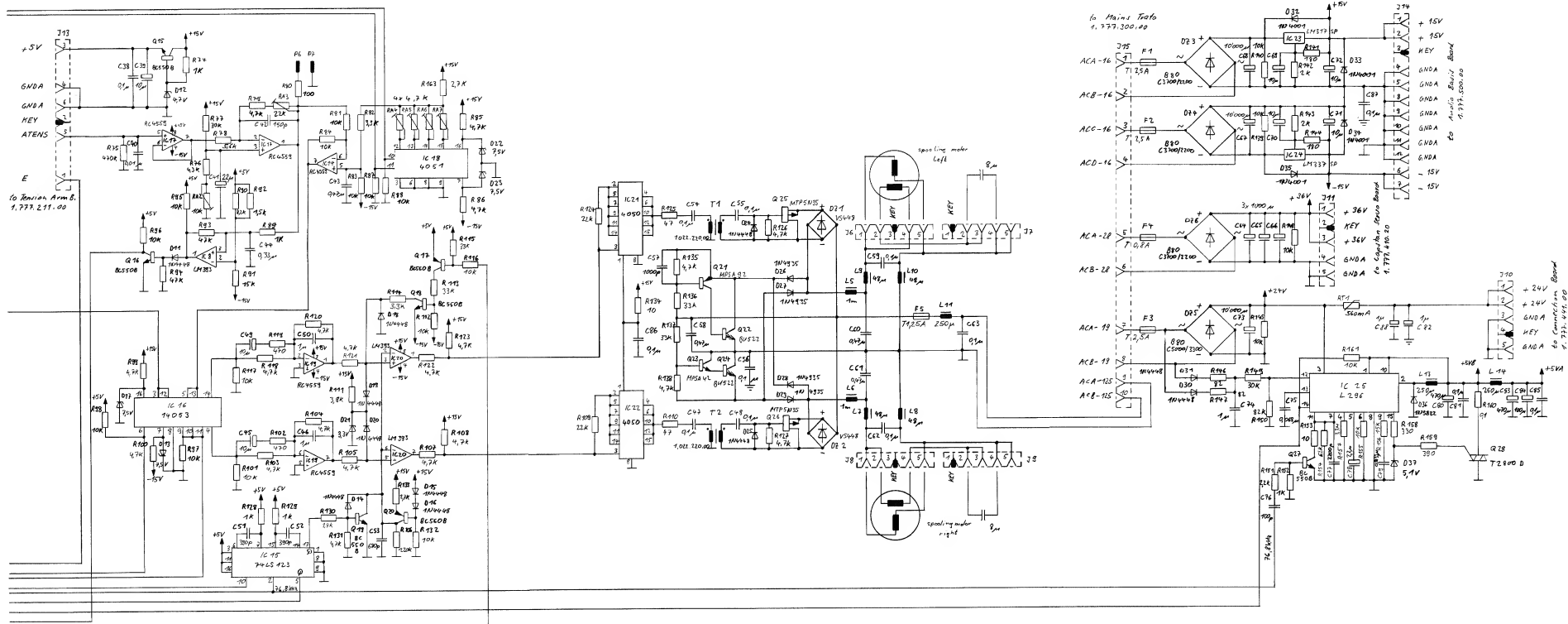


CONTROL BOARD 1.777.400.22





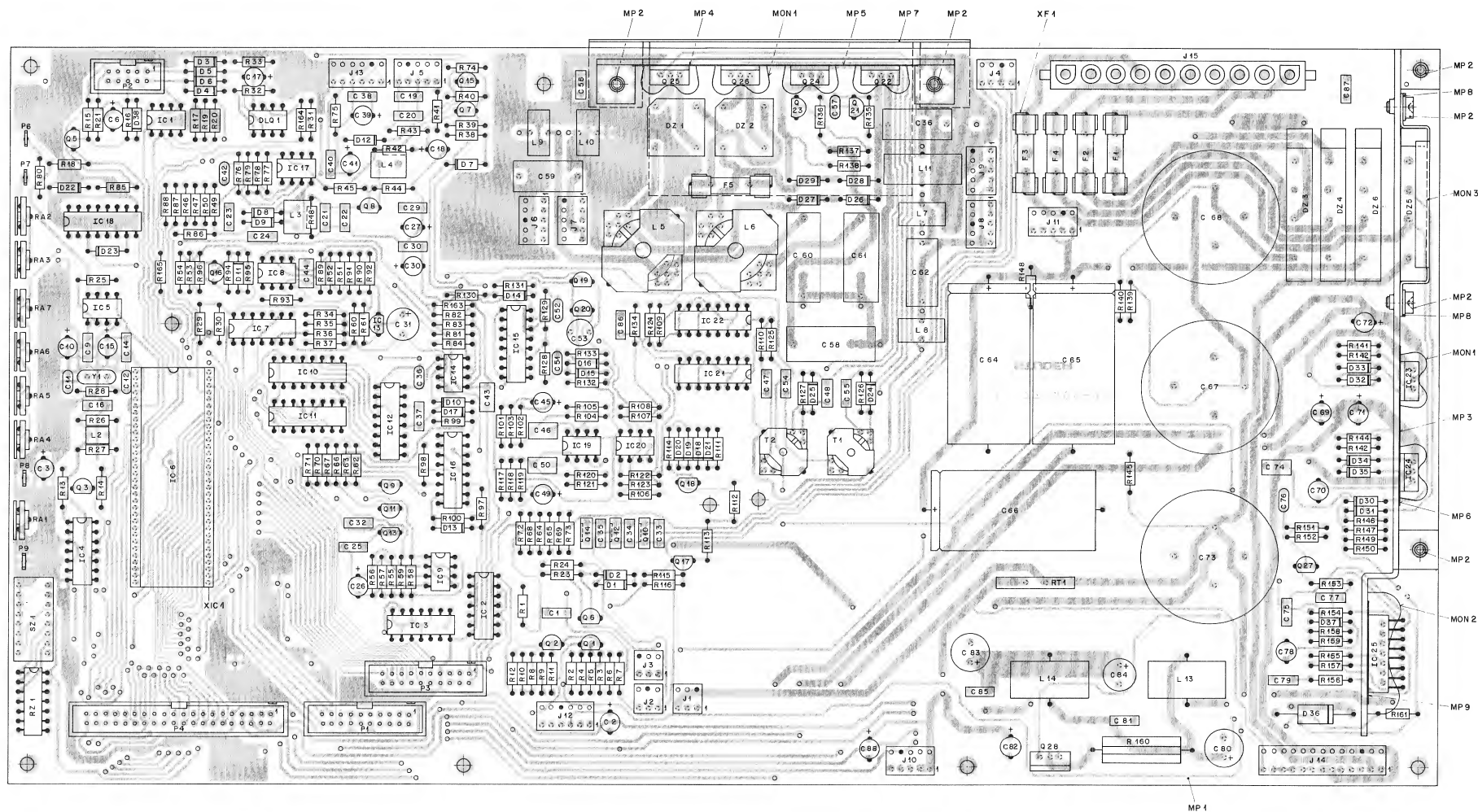
CONTROL BOARD 1.777.400.22



02212.87	C270	PAGE 6 OF 6
STUDER	CONTROL BOARD	SC 1.777.400.22



CONTROL BOARD 1.777.400.22

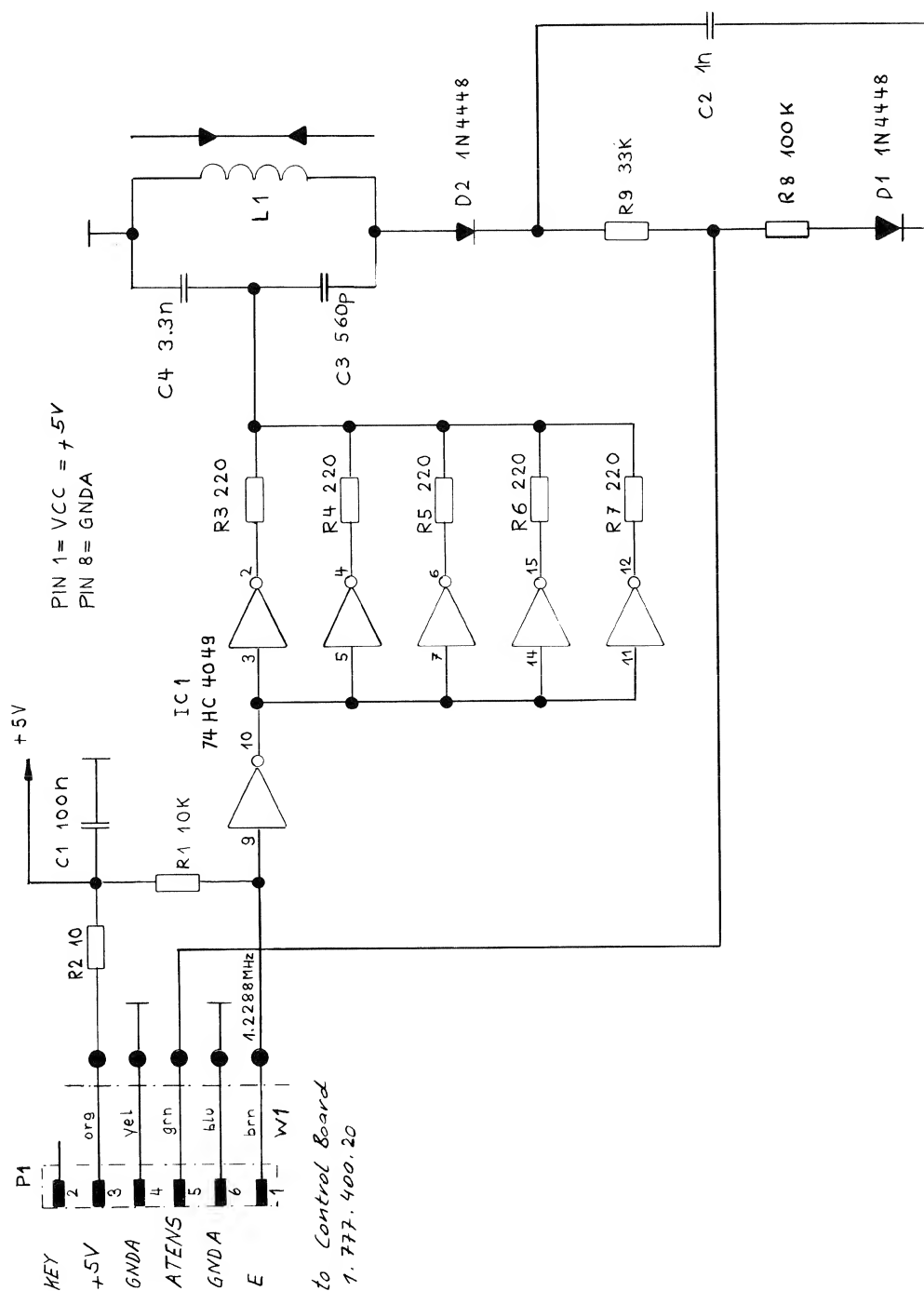




## CONTROL BOARD 1.777.400.22

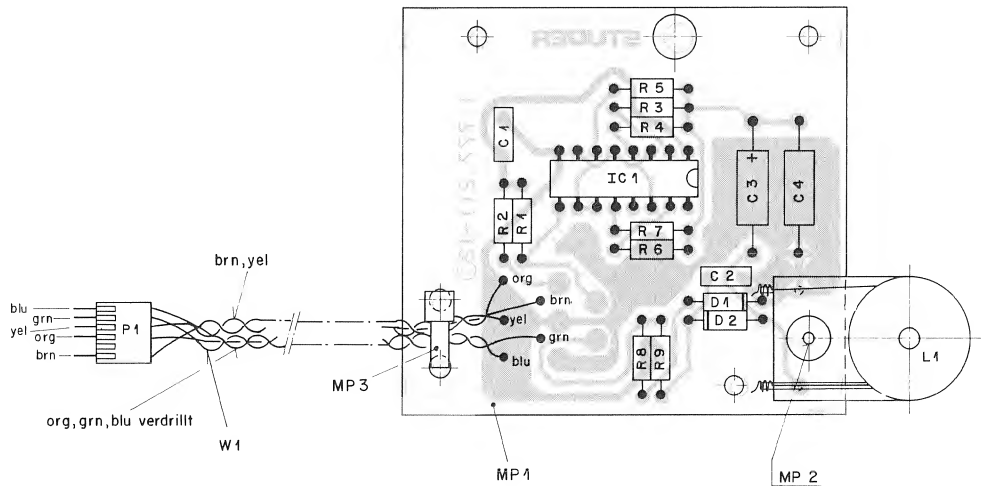
S T U D E R (00) 8712/222										S T U D E R (00) 8712/222										S T U D E R (00) 8712/222										S T U D E R (00) 8712/222										S T U D E R (00) 8712/222									
IND.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.	IND.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.	IND.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.	IND.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.	IND.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.	IND.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.														
C..0001	59-06-0104	-1	U	100% .63V + PEP		0..0027	50-04-0508		IN 4935 + 8W 100-200		R..0007	50-03-0496		SC 560		+A	Sie	R..0009	57-11-4022	8.2 K	2%	2027 + MF		R..0001	57-11-4022	15 K	2%	2027 + MF		R..0001	57-11-4022	15 K	2%	2027 + MF															
C..0002	59-06-0109	-1	U	100% .35V + PEP		0..0028	50-04-0508		IN 4935 + 8W 100-200		R..0008	50-03-0496		SC 560		+A	Sie	R..0002	57-11-4022	1.5 K	2%	2027 + MF		R..0002	57-11-4022	1.5 K	2%	2027 + MF		R..0002	57-11-4022	1.5 K	2%	2027 + MF															
C..0003	59-06-0109	-1	U	100% .35V + PEP		0..0029	50-04-0508		IN 4935 + 8W 100-200		R..0009	50-03-0496		SC 560		+A	Sie	R..0003	57-11-4022	4.7 K	2%	2027 + MF		R..0003	57-11-4022	4.7 K	2%	2027 + MF		R..0003	57-11-4022	4.7 K	2%	2027 + MF															
C..0004	59-06-0109	-1	U	100% .35V + PEP		0..0030	50-04-0508		IN 4935 + 8W 100-200		R..0010	50-03-0496		SC 560		+A	Sie	R..0004	57-11-4022	4.7 K	2%	2027 + MF		R..0004	57-11-4022	4.7 K	2%	2027 + MF		R..0004	57-11-4022	4.7 K	2%	2027 + MF															
C..0005	59-06-0109	-1	U	100% .35V + PEP		0..0031	50-04-0508		IN 4935 + 8W 100-200		R..0011	50-03-0496		SC 560		+A	Sie	R..0005	57-11-4022	4.7 K	2%	2027 + MF		R..0005	57-11-4022	4.7 K	2%	2027 + MF		R..0005	57-11-4022	4.7 K	2%	2027 + MF															
C..0006	59-06-0109	-1	U	100% .35V + PEP		0..0032	50-04-0508		IN 4935 + 8W 100-200		R..0012	50-03-0496		SC 560		+A	Sie	R..0006	57-11-4022	4.7 K	2%	2027 + MF		R..0006	57-11-4022	4.7 K	2%	2027 + MF		R..0006	57-11-4022	4.7 K	2%	2027 + MF															
C..0007	59-06-0109	-1	U	100% .35V + PEP		0..0033	50-04-0508		IN 4935 + 8W 100-200		R..0013	50-03-0496		SC 560		+A	Sie	R..0007	57-11-4022	4.7 K	2%	2027 + MF		R..0007	57-11-4022	4.7 K	2%	2027 + MF		R..0007	57-11-4022	4.7 K	2%	2027 + MF															
C..0008	59-06-0109	-1	U	100% .35V + PEP		0..0034	50-04-0508		IN 4935 + 8W 100-200		R..0014	50-03-0496		SC 560		+A	Sie	R..0008	57-11-4022	4.7 K	2%	2027 + MF		R..0008	57-11-4022	4.7 K	2%	2027 + MF		R..0008	57-11-4022	4.7 K	2%	2027 + MF															
C..0009	59-06-0109	-1	U	100% .35V + PEP		0..0035	50-04-0508		IN 4935 + 8W 100-200		R..0015	50-03-0496		SC 560		+A	Sie	R..0009	57-11-4022	4.7 K	2%	2027 + MF		R..0009	57-11-4022	4.7 K	2%	2027 + MF		R..0009	57-11-4022	4.7 K	2%	2027 + MF															
C..0010	59-06-0109	-1	U	100% .35V + PEP		0..0036	50-04-0508		IN 4935 + 8W 100-200		R..0016	50-03-0496		SC 560		+A	Sie	R..0010	57-11-4022	4.7 K	2%	2027 + MF		R..0010	57-11-4022	4.7 K	2%	2027 + MF		R..0010	57-11-4022	4.7 K	2%	2027 + MF															
C..0011	59-06-0109	-1	U	100% .35V + PEP		0..0037	50-04-0508		IN 4935 + 8W 100-200		R..0017	50-03-0496		SC 560		+A	Sie	R..0011	57-11-4022	4.7 K	2%	2027 + MF		R..0011	57-11-4022	4.7 K	2%	2027 + MF		R..0011	57-11-4022	4.7 K	2%	2027 + MF															
C..0012	59-06-0109	-1	U	100% .35V + PEP		0..0038	50-04-0508		IN 4935 + 8W 100-200		R..0018	50-03-0496		SC 560		+A	Sie	R..0012	57-11-4022	4.7 K	2%	2027 + MF		R..0012	57-11-4022	4.7 K	2%	2027 + MF		R..0012	57-11-4022	4.7 K	2%	2027 + MF															
C..0013	59-06-0109	-1	U	100% .35V + PEP		0..0039	50-04-0508		IN 4935 + 8W 100-200		R..0019	50-03-0496		SC 560		+A	Sie	R..0013	57-11-4022	4.7 K	2%	2027 + MF		R..0013	57-11-4022	4.7 K	2%	2027 + MF		R..0013	57-11-4022	4.7 K	2%	2027 + MF															
C..0014	59-06-0109	-1	U	100% .35V + PEP		0..0040	50-04-0508		IN 4935 + 8W 100-200		R..0020	50-03-0496		SC 560		+A	Sie	R..0014	57-11-4022	4.7 K	2%	2027 + MF		R..0014	57-11-4022	4.7 K	2%	2027 + MF		R..0014	57-11-4022	4.7 K	2%	2027 + MF															
C..0015	59-06-0109	-1	U	100% .35V + PEP		0..0041	50-04-0508		IN 4935 + 8W 100-200		R..0021	50-03-0496		SC 560		+A	Sie	R..0015	57-11-4022	4.7 K	2%	2027 + MF		R..0015	57-11-4022	4.7 K	2%	2027 + MF		R..0015	57-11-4022	4.7 K	2%	2027 + MF															
C..0016	59-06-0109	-1	U	100% .35V + PEP		0..0042	50-04-0508		IN 4935 + 8W 100-200		R..0022	50-03-0496		SC 560		+A	Sie	R..0016	57-11-4022	4.7 K	2%	2027 + MF		R..0016	57-11-4022	4.7 K	2%	2027 + MF		R..0016	57-11-4022	4.7 K	2%	2027 + MF															
C..0017	59-06-0109	-1	U	100% .35V + PEP		0..0043	50-04-0508		IN 4935 + 8W 100-200		R..0023	50-03-0496		SC 560		+A	Sie	R..0017	57-11-4022	4.7 K	2%	2027 + MF		R..0017	57-11-4022	4.7 K	2%	2027 + MF		R..0017	57-11-4022	4.7 K	2%	2027 + MF															
C..0018	59-06-0109	-1	U	100% .35V + PEP		0..0044	50-04-0508		IN 4935 + 8W 100-200		R..0024	50-03-0496		SC 560		+A	Sie	R..0018	57-11-4022	4.7 K	2%	2027 + MF		R..0018	57-11-4022	4.7 K	2%	2027 + MF		R..0018	57-11-4022	4.7 K	2%	2027 + MF															
C..0019	59-06-0109	-1	U	100% .35V + PEP		0..0045	50-04-0508		IN 4935 + 8W 100-200		R..0025	50-03-0496		SC 560		+A	Sie	R..0019	57-11-4022	4.7 K	2%	2027 + MF		R..0019	57-11-4022	4.7 K	2%	2027 + MF		R..0019	57-11-4022	4.7 K	2%	2027 + MF															
C..0020	59-06-0109	-1	U	100% .35V + PEP		0..0046	50-04-0508		IN 4935 + 8W 100-200		R..0026	50-03-0496		SC 560		+A	Sie	R..0020	57-11-4022	4.7 K	2%	2027 + MF		R..0020	57-11-4022	4.7 K	2%	2027 + MF		R..0020	57-11-4022	4.7 K	2%	2027 + MF															
C..0021	59-06-0109	-1	U	100% .35V + PEP		0..0047	50-04-0508		IN 4935 + 8W 100-200		R..0027	50-03-0496		SC 560		+A	Sie	R..0021	57-11-4022	4.7 K	2%	2027 + MF		R..0021	57-11-4022	4.7 K	2%	2027 + MF		R..0021	57-11-4022	4.7 K	2%	2027 + MF															
C..0022	59-06-0109	-1	U	100% .35V + PEP		0..0048	50-04-0508		IN 4935 + 8W 100-200		R..0028	50-03-0496		SC 560		+A	Sie	R..0022	57-11-4022	4.7 K	2%	2027 + MF		R..0022	57-11-4022	4.7 K	2%	2027 + MF		R..0022	57-11-4022	4.7 K	2%	2027 + MF															
C..0023	59-06-0109	-1	U	100% .35V + PEP		0..0049	50-04-0508		IN 4935 + 8W 100-200		R..0029	50-03-0496		SC 560		+A	Sie	R..0023	57-11-4022	4.7 K	2%	2027 + MF		R..0023	57-11-4022	4.7 K	2%	2027 + MF		R..0023	57-11-4022	4.7 K	2%	2027 + MF															
C..0024	59-06-0109	-1	U	100% .35V + PEP		0..0050	50-04-0508		IN 4935 + 8W 100-200		R..0030	50-03-0496		SC 560		+A	Sie	R..0024	57-11-4022	4.7 K	2%	2027 + MF		R..0024	57-11-4022	4.7 K	2%	2027 + MF		R..0024	57-11-4022	4.7 K	2%	2027 + MF															
C..0025	59-06-0109	-1	U	100% .35V + PEP		0..0051	50-04-0508		IN 4935 + 8W 100-200		R..0031	50-03-0496		SC 560		+A	Sie	R..0025	57-11-4022	4.7 K	2%	2027 + MF		R..0025	57-11-4022	4.7 K	2%	2027 + MF		R..0025	57-11-4022	4.7 K	2%	2027 + MF															
C..0026	59-06-0109	-1	U	100% .35V + PEP		0..0052	50-04-0508		IN 4935 + 8W 100-200		R..0032	50-03-0496		SC 560		+A	Sie	R..0026	57-11-4022	4.7 K	2%	2027 + MF		R..0026	57-11-4022	4.7 K	2%	2027 + MF		R..0026	57-11-4022	4.7 K	2%	2027 + MF															
C..0027	59-06-0109	-1	U	100% .35V + PEP		0..0053	50-04-0508		IN 4935 + 8W 100-200		R..0033	50-03-0496		SC 560		+A	Sie	R..0027	57-11-4022	4.7 K	2%	2027 + MF		R..0027	57-11-4022	4.7 K	2%	2027 + MF		R..0027	57-11-4022	4.7 K	2%	2027 + MF															
C..0028	59-06-0109	-1	U	100% .35V + PEP		0..0054	50-04-0508		IN 4935 + 8W 100-200		R..0034	50-03-0496		SC 560		+A	Sie	R..0028	57-11-4022	4.7 K	2%	2027 + MF		R..0028	57-11-4022	4.7 K	2%	2027 + MF		R..0028	57-11-4022	4.7 K	2%	2027 + MF															
C..0029	59-06-0109	-1	U	100% .35V + PEP		0..0055	50-04-0508		IN 4935 + 8W 100-200		R..0035	50-03-0496		SC 560		+A	Sie	R..0029	57-11-4022	4.7 K	2%	2027 + MF		R..0029	57-11-4022	4.7 K	2%	2027 + MF		R..0029	57-11-4022	4.7 K	2%	2027 + MF															
C..0030	59-06-0109	-1	U	100% .35V + PEP		0..0056	50-04-0508		IN 4935 + 8W 100-200		R..0036	50-03-0496		SC 560		+A	Sie	R..0030	57-11-4022	4.7 K	2%	2027 + MF		R..0030	57-11-4022	4.7 K	2%	2027 + MF		R..0030	57-11-4022	4.7 K	2%	2027 + MF															
C..0031	59-06-0109	-1	U	100% .35V + PEP		0..0057	50-04-0508		IN 4935 + 8W 100-200		R..0037	50-03-0496		SC 560		+A	Sie	R..0031	57-11-4022	4.7 K	2%	2027 + MF		R..0031	57-11-4022	4.7 K	2%	2027 + MF		R..0031	57-11-4022	4.7 K	2%	2027 + MF															
C..0032	59-06-0109	-1	U	100% .35V + PEP		0..0058	50-04-0508		IN 4935 + 8W 100-200		R..0038	50-03-0496		SC 560		+A	Sie	R..0032	57-11-4022	4.7 K	2%	2027 + MF		R..0032	57-11-4022	4.7 K	2%	2027 + MF		R..0032	57-11-4022	4.7 K	2%	2027 + MF															
C..0033	59-06-0109	-1	U	100% .35V + PEP		0..0059	50-04-0508		IN 4935 + 8W 100-200		R..0039	50-03-0496		SC 560		+A	Sie	R..0033	57-11-4022	4.7 K	2%	2027 + MF		R..0033	57-11-4022	4.7 K	2%	2027 + MF		R..0033	57-11-4022	4.7 K	2%	2027 + MF															
C..0034	59-06-0109	-1	U	100% .35V + PEP		0..0060	50-04-0508		IN 4935 + 8W 100-200		R..0040	50-03-0496		SC 560		+A	Sie	R..0034	57-11-4022	4.7 K	2%	2027 + MF		R..0034	57-11-4022	4.7 K	2%	2027 + MF		R..0034	57-11-4022	4.7 K	2%	2027 + MF															
C..0035	59-06-0109	-1	U	100% .35V + PEP		0..0061	50-04-0508		IN 4935 + 8W 100-200		R..0041	50-03-0496		SC 560		+A	Sie	R..0035	57-11-4022	4.7 K	2%	2027 + MF		R..0035	57-11-4022	4.7 K	2%	2027 + MF		R..0035	57-11-4022	4.7 K	2%	2027 + MF															
C..0036	59-06-0109	-1	U	100% .35V + PEP		0..0062	50-04-0508		IN 4935 + 8W 100-200		R..0042	50-03-04																																					

TENSION ARM BOARD 1.777.211.00



① 8.1.87	① 12.8.87 J. M. E.	...	...	...
STUDER	C270	TENSION ARM BOARD	"ESE" SC	1.777.211.00

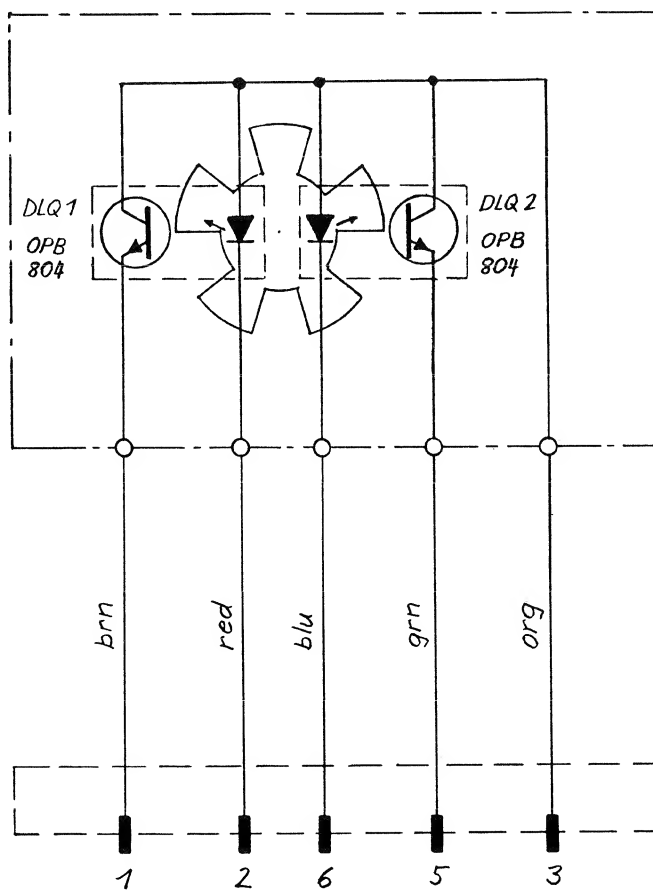
TENSION ARM BOARD 1.777.211.00



IND.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
		C..0001	59.06.0104	1 U	
		C..0002	59.06.0102	1000 P	
(00)		C..0003	59.12.7671	470 P	
(01)		C..0003	59.12.7561	560 P	
		C..0004	59.12.7332	3300 P	
		O..0001	50.04.0125	1N 444B , SI	ITT+Phy Ses+TI
		O..0002	50.04.0125	1N 444B , SI	ITT+Phy Ses+TI
		IC.0001	50.17.4049	MC 74HC 4049N	TI,Mot+NS
		L..0001	1.777.212.00	COIL	St
(00)		MP.0001	1.777.211.11	TENSION ARM PCB	St
(01)		MP.0001	1.777.211.11	TENSION ARM PCB -(1)	St
(02)		MP.0001	1.777.211.12	TENSION ARM PCB	St
		MP.0002	28.21.2610	TUBULAR RIVET- DIN	St
		MP.0003	35.03.0109	CLAMPING BELT	Burndy+Panduit
		P..0001	54.01.0230	CASING CIS	AMP
		R..0001	57.11.4103	10 K	
		R..0002	57.11.4100	10	
		R..0003	57.11.4221	220	
		R..0004	57.11.4221	220	
		R..0005	57.11.4221	220	
		R..0006	57.11.4221	220	
		R..0007	57.11.4221	220	
		R..0008	57.11.4104	100 K	
		R..0009	57.11.4333	33 K	
		W..0001	1.777.211.93	WL-TENSION ARM BOARD	St

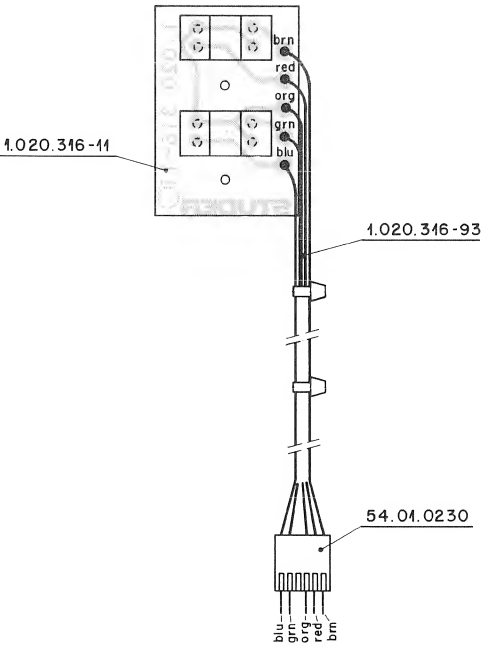
IND.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
		(01)	12.08.87	Value adjust	
		(02)	15.11.87	PCB Revise	
MANUFACTURER: Mot=Motorola, NS=National Semiconductors, Ph=Philips					
ST=Studer, TI=Texas Instruments, AMP=AMP Incorporated					
ITT=Intermetall, Ses=Sescomem					

## TAPE MOVE SENSOR PCB 1.020.316.00



⑩ 10.7.85	Rec	○ ..	○ ..	○ ..	○ ..
			PR 99 MK II		PAGE 1 OF 1
STUDER	TAPE MOVE SENSOR PCB				1.020.316-00

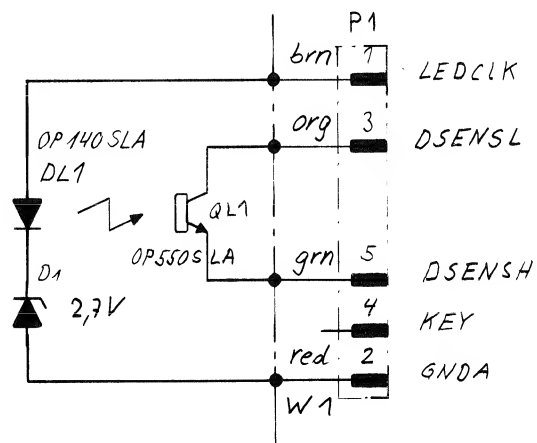
TAPE MOVE SENSOR PCB 1.020.316.00



INO.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
	DLQ...1	50.04.2128	OPB 804	Slotted Optical Switch	Op
	DLQ...2	50.04.2128	OPB 804	Slotted Optical Switch	Op

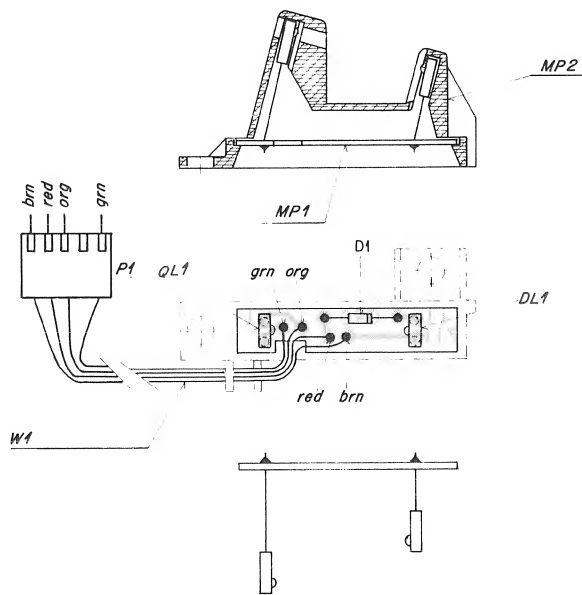
MANUFACTURER: Op = Optron  
ORIG 85/07/10  
S T U D E R (00) 85/07/10 Rec TAPE MOVE SENSOR PCB 1.020.316.00 PAGE 1

## TAPE SENSOR BOARD 1.050.312.00



① 3.2.87 J.M.F.	○ ..	○ ..	○ ..	○ ..
	C270			PAGE 1 OF 1
STUDER	TAPE SENSOR BOARD	SC	1.050.312.00	

TAPE SENSOR BOARD 1.050.312.00



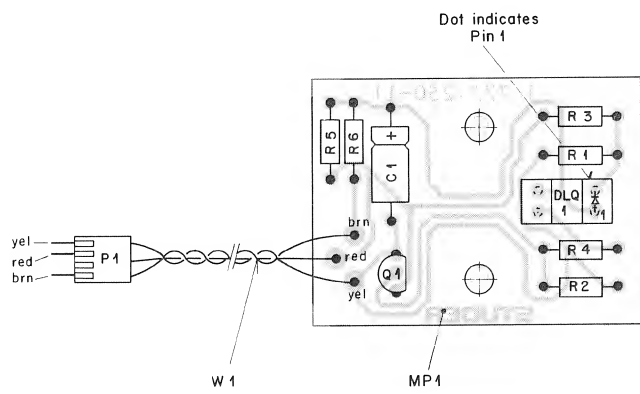
INO.	POS+NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
	D..0001	50.04.1106	2.7 V	2.5 3.0 4W+Z	Ph+Mot+ITT
	DL.0001	50.04.2126		OP 140 SLA	OP
	MP.0001	1.050.314.11		TAPE SENSOR PCB	St
	MP.0002	1.050.312.01		CASE	St
	P..0001	54.01.0264	5PDL.	CASING	AMP
	QL.0001	50.04.2127		OP 550 SLA	OP
	W..0001	1.050.312.93		WL-TAPE SENSOR	St

MANUFACTURER: Mot=Motorola,OP=Optron,ITT=Intermetall,Ph=Philips  
St=Studer  
ORIG 86/09/19  
S T U D E R (00) 86/09/19 TAPE SENSOR BOARD 1.050.312.00 PAGE 1





TACHO BOARD 1.777.250.00



IND.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
(00)	C..0001	59.22.6100	10 U	-20%, 40V, EL	
(01)	C..0001	59.25.4100	10 U	-20%, 25V, EL	
(00)	DLQ001	50.04.2128		1STS 804	Op,Gi,Isocom
(01)	DLQ001	50.04.3001		1STS 804	Op,Gi,Isocom
	MP..0001	1.777.250.11		TACHO-PCB	St
	P..0001	54.01.0280	4 POL.	CASING C1S	AMP
	Q..0001	50.03.0436		BC 237 B +A	ITT,TI,Ph,Mot
	R..0001	57.11.4221	220	2%, 0207, MF	
	R..0002	57.11.4272	2.7 K	2%, 0207, MF	
	R..0003	57.11.4102	1 K	2%, 0207, MF	
	R..0004	57.11.4332	3.3 K	2%, 0207, MF	
	R..0005	57.11.4102	1 K	2%, 0207, MF	
	R..0006	57.11.4100	10	2%, 0207, MF	
	W..0001	1.777.250.93		WL-TACHO BOARD	St

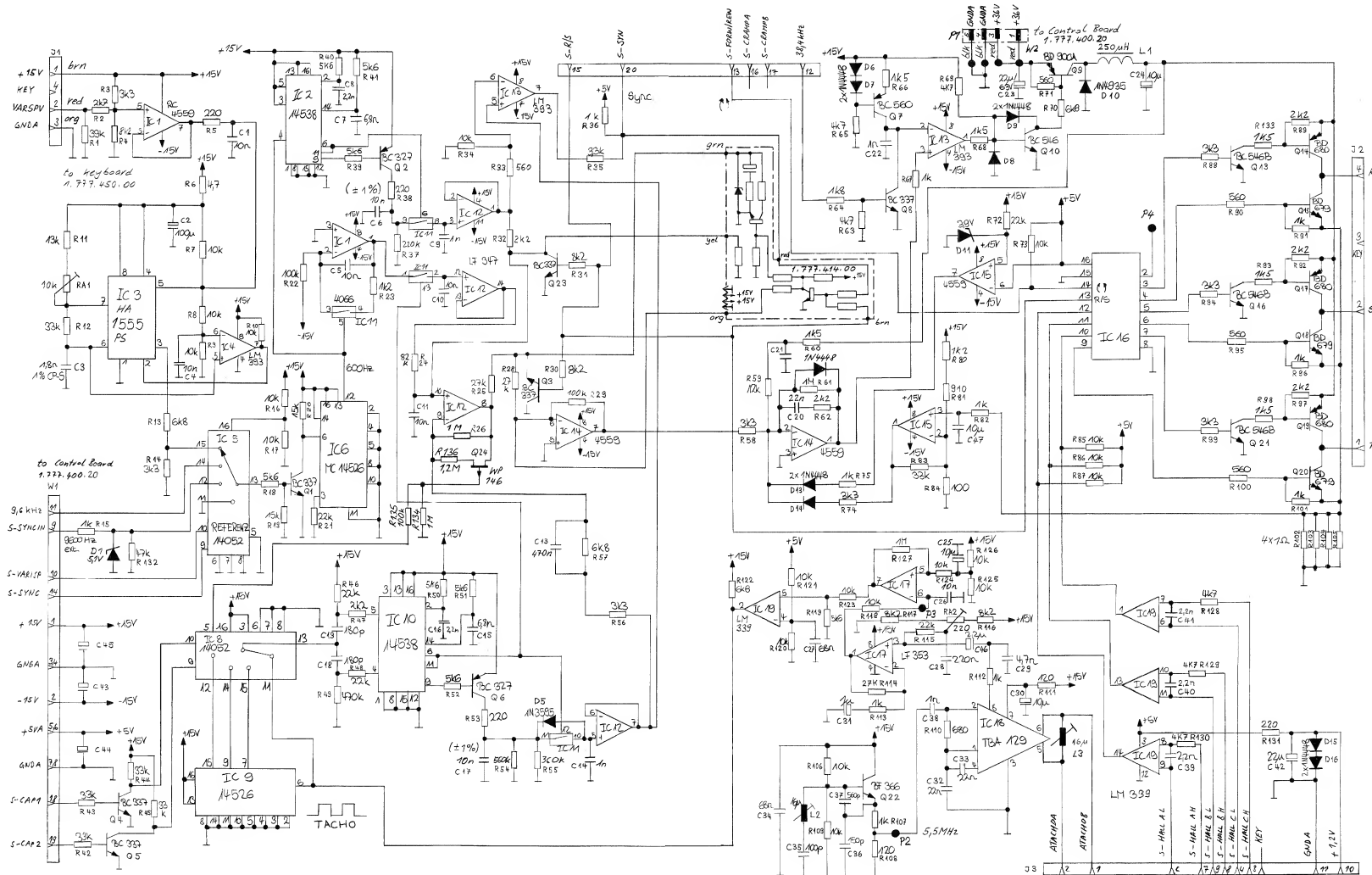
(01) 12-08-87 PARTNUMBER CHANGE

MANUFACTURER: Mot=Motorola,ITT=Intermetall,Ph=Philips,Op=Optron,  
St=Studer,TI=Texas Instruments,Gi=General Instruments,  
AMP=AMP Incorporated.

ORIG 86/09/19 (01) 87/08/12

S T U D E R (01) 87/08/12 TACHO BOARD 1.777.250.00 PAGE 1

## CAPSTAN SERVO BOARD 1.777.410.21



CAPSTAN SERVO BOARD 1.777.410.21



NO.	F05-NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
000001	59-06-0103	-01 U		5% 63V PEP	
000002	59-02-0101	100 U		10% 25V EL	
000003	59-12-7182	000 P		1% 63V PEP	
000004	59-06-0103	-01 U		5% 63V PEP	
000005	59-06-0103	-01 U		5% 63V PEP	
000006	59-06-0103	-01 U		5% 63V PEP	
000007	59-06-0103	-01 U		5% 63V PEP	
000008	59-06-0103	-01 U		5% 63V PEP	
000009	59-06-0103	-01 U		5% 63V PEP	
000010	59-06-0103	-01 U		5% 63V PEP	
000011	59-06-0103	-01 U		5% 63V PEP	
000012	59-06-0103	-01 U		5% 63V PEP	
000013	59-06-0103	-01 U		5% 63V PEP	
000014	59-06-0103	-01 U		5% 63V PEP	
000015	59-06-0103	-01 U		5% 63V PEP	
000016	59-06-0103	-01 U		5% 63V PEP	
000017	59-06-0103	-01 U		5% 63V PEP	
000018	59-06-0103	-01 U		5% 63V PEP	
000019	59-06-0103	-01 U		5% 63V PEP	
000020	59-06-0103	-01 U		5% 63V PEP	
000021	59-06-0103	-01 U		5% 63V PEP	
000022	59-06-0103	-01 U		5% 63V PEP	
000023	59-06-0103	-01 U		5% 63V PEP	
000024	59-06-0103	-01 U		5% 63V PEP	
000025	59-06-0103	-01 U		5% 63V PEP	
000026	59-06-0103	-01 U		5% 63V PEP	
000027	59-06-0103	-01 U		5% 63V PEP	
000028	59-06-0103	-01 U		5% 63V PEP	
000029	59-06-0103	-01 U		5% 63V PEP	
000030	59-06-0103	-01 U		5% 63V PEP	
000031	59-06-0103	-01 U		5% 63V PEP	
000032	59-06-0103	-01 U		5% 63V PEP	
000033	59-06-0103	-01 U		5% 63V PEP	
000034	59-06-0103	-01 U		5% 63V PEP	
000035	59-06-0103	-01 U		5% 63V PEP	
000036	59-06-0103	-01 U		5% 63V PEP	
000037	59-06-0103	-01 U		5% 63V PEP	
000038	59-06-0103	-01 U		5% 63V PEP	
000039	59-06-0103	-01 U		5% 63V PEP	
000040	59-06-0103	-01 U		5% 63V PEP	
000041	59-06-0103	-01 U		5% 63V PEP	
000042	59-06-0103	-01 U		5% 63V PEP	
000043	59-06-0103	-01 U		5% 63V PEP	
000044	59-06-0103	-01 U		5% 63V PEP	
000045	59-06-0103	-01 U		5% 63V PEP	
000046	59-06-0103	-01 U		5% 63V PEP	
000047	59-06-0103	-01 U		5% 63V PEP	
000048	59-06-0103	-01 U		5% 63V PEP	
000049	59-06-0103	-01 U		5% 63V PEP	
000050	59-06-0103	-01 U		5% 63V PEP	
000051	59-06-0103	-01 U		5% 63V PEP	
000052	59-06-0103	-01 U		5% 63V PEP	
000053	59-06-0103	-01 U		5% 63V PEP	
000054	59-06-0103	-01 U		5% 63V PEP	
000055	59-06-0103	-01 U		5% 63V PEP	
000056	59-06-0103	-01 U		5% 63V PEP	
000057	59-06-0103	-01 U		5% 63V PEP	
000058	59-06-0103	-01 U		5% 63V PEP	
000059	59-06-0103	-01 U		5% 63V PEP	
000060	59-06-0103	-01 U		5% 63V PEP	
000061	59-06-0103	-01 U		5% 63V PEP	
000062	59-06-0103	-01 U		5% 63V PEP	
000063	59-06-0103	-01 U		5% 63V PEP	
000064	59-06-0103	-01 U		5% 63V PEP	
000065	59-06-0103	-01 U		5% 63V PEP	
000066	59-06-0103	-01 U		5% 63V PEP	
000067	59-06-0103	-01 U		5% 63V PEP	
000068	59-06-0103	-01 U		5% 63V PEP	
000069	59-06-0103	-01 U		5% 63V PEP	
000070	59-06-0103	-01 U		5% 63V PEP	
000071	59-06-0103	-01 U		5% 63V PEP	
000072	59-06-0103	-01 U		5% 63V PEP	
000073	59-06-0103	-01 U		5% 63V PEP	
000074	59-06-0103	-01 U		5% 63V PEP	
000075	59-06-0103	-01 U		5% 63V PEP	
000076	59-06-0103	-01 U		5% 63V PEP	
000077	59-06-0103	-01 U		5% 63V PEP	
000078	59-06-0103	-01 U		5% 63V PEP	
000079	59-06-0103	-01 U		5% 63V PEP	
000080	59-06-0103	-01 U		5% 63V PEP	
000081	59-06-0103	-01 U		5% 63V PEP	
000082	59-06-0103	-01 U		5% 63V PEP	
000083	59-06-0103	-01 U		5% 63V PEP	
000084	59-06-0103	-01 U		5% 63V PEP	
000085	59-06-0103	-01 U		5% 63V PEP	
000086	59-06-0103	-01 U		5% 63V PEP	
000087	59-06-0103	-01 U		5% 63V PEP	
000088	59-06-0103	-01 U		5% 63V PEP	
000089	59-06-0103	-01 U		5% 63V PEP	
000090	59-06-0103	-01 U		5% 63V PEP	
000091	59-06-0103	-01 U		5% 63V PEP	
000092	59-06-0103	-01 U		5% 63V PEP	
000093	59-06-0103	-01 U		5% 63V PEP	
000094	59-06-0103	-01 U		5% 63V PEP	
000095	59-06-0103	-01 U		5% 63V PEP	
000096	59-06-0103	-01 U		5% 63V PEP	
000097	59-06-0103	-01 U		5% 63V PEP	
000098	59-06-0103	-01 U		5% 63V PEP	
000099	59-06-0103	-01 U		5% 63V PEP	
000100	59-06-0103	-01 U		5% 63V PEP	
000101	59-06-0103	-01 U		5% 63V PEP	
000102	59-06-0103	-01 U		5% 63V PEP	
000103	59-06-0103	-01 U		5% 63V PEP	
000104	59-06-0103	-01 U		5% 63V PEP	
000105	59-06-0103	-01 U		5% 63V PEP	
000106	59-06-0103	-01 U		5% 63V PEP	
000107	59-06-0103	-01 U		5% 63V PEP	
000108	59-06-0103	-01 U		5% 63V PEP	
000109	59-06-0103	-01 U		5% 63V PEP	
000110	59-06-0103	-01 U		5% 63V PEP	
000111	59-06-0103	-01 U		5% 63V PEP	
000112	59-06-0103	-01 U		5% 63V PEP	
000113	59-06-0103	-01 U		5% 63V PEP	
000114	59-06-0103	-01 U		5% 63V PEP	
000115	59-06-0103	-01 U		5% 63V PEP	
000116	59-06-0103	-01 U		5% 63V PEP	
000117	59-06-0103	-01 U		5% 63V PEP	
000118	59-06-0103	-01 U		5% 63V PEP	
000119	59-06-0103	-01 U		5% 63V PEP	
000120	59-06-0103	-01 U		5% 63V PEP	
000121	59-06-0103	-01 U		5% 63V PEP	
000122	59-06-0103	-01 U		5% 63V PEP	
000123	59-06-0103	-01 U		5% 63V PEP	
000124	59-06-0103	-01 U		5% 63V PEP	
000125	59-06-0103	-01 U		5% 63V PEP	
000126	59-06-0103	-01 U		5% 63V PEP	
000127	59-06-0103	-01 U		5% 63V PEP	
000128	59-06-0103	-01 U		5% 63V PEP	
000129	59-06-0103	-01 U		5% 63V PEP	
000130	59-06-0103	-01 U		5% 63V PEP	
000131	59-06-0103	-01 U		5% 63V PEP	
000132	59-06-0103	-01 U		5% 63V PEP	
000133	59-06-0103	-01 U		5% 63V PEP	
000134	59-06-0103	-01 U		5% 63V PEP	
000135	59-06-0103	-01 U		5% 63V PEP	
000136	59-06-0103	-01 U		5% 63V PEP	
000137	59-06-0103	-01 U		5% 63V PEP	
000138	59-06-0103	-01 U		5% 63V PEP	
000139	59-06-0103	-01 U		5% 63V PEP	
000140	59-06-0103	-01 U		5% 63V PEP	
000141	59-06-0103	-01 U		5% 63V PEP	
000142	59-06-0103	-01 U		5% 63V PEP	
000143	59-06-0103	-01 U		5% 63V PEP	
000144	59-06-0103	-01 U		5% 63V PEP	
000145	59-06-0103	-01 U		5% 63V PEP	
000146	59-06-0103	-01 U		5% 63V PEP	
000147	59-06-0103	-01 U		5% 63V PEP	
000148	59-06-0103	-01 U		5% 63V PEP	
000149	59-06-0103	-01 U		5% 63V PEP	
000150	59-06-0103	-01 U		5% 63V PEP	
000151	59-06-0103	-01 U		5% 63V PEP	
000152	59-06-0103	-01 U		5% 63V PEP	
000153	59-06-0103	-01 U		5% 63V PEP	
000154	59-06-0103	-01 U		5% 63V PEP	
000155	59-06-0103	-01 U		5% 63V PEP	
000156	59-06-0103	-01 U		5% 63V PEP	
000157	59-06-0103	-01 U		5% 63V PEP	
000158	59-06-0103	-01 U		5% 63V PEP	
000159	59-06-0103	-01 U		5% 63V PEP	
000160	59-06-0103	-01 U		5% 63V PEP	
000161	59-06-0103	-01 U		5% 63V PEP	
000162	59-06-0103	-01 U		5% 63V PEP	
000163	59-06-0103	-01 U		5% 63V PEP	
000164	59-06-0103	-01 U		5% 63V PEP	
000165	59-06-0103	-01 U		5% 63V PEP	
000166	59-06-0103	-01 U		5% 63V PEP	
000167	59-06-0103	-01 U		5% 63V PEP	
000168	59-06-0103	-01 U		5% 63V PEP	
000169	59-06-0103	-01 U		5% 63V PEP	
000170	59-06-0103	-01 U		5% 63V PEP	
000171	59-06-0103	-01 U		5% 63V PEP	
000172	59-06-0103	-01 U		5% 63V PEP	
000173	59-06-0103	-01 U		5% 63V PEP	
000174	59-06-0103	-01 U		5% 63V PEP	
000175	59-06-0103	-01 U		5% 63V PEP	
000176	59-06-0103	-01 U		5% 63V PEP	
000177	59-06-0103	-01 U		5% 63V PEP	
000178	59-06-0103	-01 U		5% 63V PEP	
000179	59-06-0103	-01 U		5% 63V PEP	
000180	59-06-0103	-01 U		5% 63V PEP	
000181	59-06-0103	-01 U		5% 63V PEP	
000182	59-06-0103	-01 U		5% 63V PEP	
000183	59-06-0103	-01 U		5% 63V PEP	
000184	59-06-0103	-01 U		5% 63V PEP	
000185	59-06-0103	-01 U		5% 63V PEP	
000186	59-06-0103	-01 U		5% 63V PEP	
000187	59-06-0103	-01 U		5% 63V PEP	
000188	59-06-0103	-01 U		5% 63V PEP	
000189	59-06-0103	-01 U		5% 63V PEP	
000190	59-06-0103	-01 U		5% 63V PEP	
000191	59-06-0103	-01 U		5% 63V PEP	
000192	59-06-0103	-01 U		5% 63V PEP	
000193	59-06-0103	-01 U		5% 63V PEP	
000194	59-06-0103	-01 U		5% 63V PEP	
000195	59-06-0103	-01 U		5% 63V PEP	
000196	59-06-0103	-01 U		5% 63V PEP	
000197	59-06-0103	-01 U		5% 63V PEP	
000198	59-06-0103	-01 U		5% 63V PEP	
000199	59-06-0103	-01 U		5% 63V PEP	
000200	59-06-0103	-01 U		5% 63V PEP	
000201	59-06-0103	-01 U		5% 63V PEP	
000202	59-06-0103	-01 U		5% 63V PEP	
000203	59-06-0103	-01 U		5% 63V PEP	
000204	59-06-0103	-01 U		5% 63V PEP	
000205	59-06-0103	-01 U		5% 63V PEP	
000206	59-06-0103	-01 U		5% 63V PEP	
000207	59-06-0103	-01 U		5% 63V PEP	
000208	59-06-0103	-01 U		5% 63V PEP	
000209	59-06-0103	-01 U		5% 63V PEP	

THD	PDS-No.	PART No.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
LC-0038	59.04-0122	1000 P	1000 P	5% 0.3W + PEP	
LC-0039	59.04-0122	220 P	220 P	10% 0.3W + PEP	
LC-0040	59.04-0122	220 P	220 P	10% 0.3W + PEP	
LC-0041	59.04-0122	220 P	220 P	10% 0.3W + PEP	
LC-0042	59.04-0122	22 U	22 U	not corrected	
LC-0043				not corrected	
LC-0044				not corrected	
LC-0045				-0.05% 50V EL	
LC-0046	59.22-0.8229	2.2 U	U	-0.05% 50V EL	
LC-0047	59.22-0.610	10 U	U	-0.05% 40V EL	
LC-0001	50.04-0112	5.6 U	U	5% 0.4W + Z	ITT-Rot
LC-0002				not corrected	
LC-0003				not corrected	
LC-0004				not corrected	
LC-0005	50.04-0134			1N 3570 DOD. FOH 300	Fc-Sun
LC-0006	50.04-0135			1N 4448 S1	
LC-0007	50.04-0125			1N 4448 S1	
LC-0008	50.04-0125			1N 4448 S1	
LC-0009	50.04-0125			1N 4448 S1	
LC-0010	50.04-0125			1N 4448 S1	
LC-0011	50.04-0125			1N 4448 S1	
LC-0012	50.04-0125			1N 4448 S1	
LC-0013	50.04-0125			1N 4448 S1	
LC-0014	50.04-0125			1N 4448 S1	
LC-0015	50.04-0125			1N 4448 S1	
DB-0016	50.04-0125			1N 4448 S1	
LC-0001	50.04-0107			RE 4557 MB, ACP 4559	RA=NEC
LC-0002	50.04-0107			MC 1500 P, REF 4559 DPA	MC=NEC
LC-0003	50.04-0108			LA 1555 P5	Sigs-RotCo
LC-0004	50.04-0107			MC 1500 BCP, ACP 4559	RA=NEC
LC-0005	50.07-0024			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0006	50.04-0106			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0007	50.04-0106			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0008	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0009	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0010	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0011	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0012	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0013	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0014	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0015	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0016	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0017	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0018	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0019	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0020	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0021	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0022	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0023	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0024	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0025	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0026	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0027	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0028	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0029	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0030	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0031	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0032	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0033	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0034	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0035	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0036	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0037	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0038	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0039	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0040	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0041	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0042	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0043	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0044	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0045	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0046	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0047	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0048	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0049	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0050	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0051	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0052	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0053	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0054	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0055	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0056	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0057	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0058	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0059	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0060	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0061	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0062	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0063	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0064	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0065	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0066	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0067	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0068	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0069	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0070	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0071	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0072	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0073	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0074	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0075	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0076	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0077	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0078	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0079	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0080	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0081	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0082	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0083	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0084	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0085	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0086	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0087	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0088	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0089	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0090	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0091	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0092	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0093	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0094	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0095	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0096	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0097	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0098	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0099	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0100	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0101	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0102	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0103	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0104	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0105	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0106	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0107	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0108	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0109	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0110	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0111	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0112	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0113	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0114	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0115	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0116	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0117	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0118	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0119	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0120	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0121	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0122	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0123	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0124	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0125	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0126	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0127	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0128	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0129	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0130	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0131	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0132	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0133	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0134	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0135	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0136	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0137	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0138	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0139	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0140	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0141	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0142	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0143	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0144	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0145	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0146	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0147	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0148	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0149	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0150	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0151	50.07-0026			MC 1500 BCP + MC14 502 BCP + A	RA=Pho
LC-0152	50.07-0026			MC	

INO.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
Lx0011	50.09.01000		6080 BPC	MC10060 BCP	PhyM
Lx0012	50.09.09104		LC 547	1	PhyM
Lx0013	50.09.09105		LC 547	1	PhyM
Lx0014	50.09.09107		RC 555	ND4 UPL 455V	RA=ELC
Lx0015	50.09.09108		555	ND4 UPL 455V	RA=ELC
Lx0016	1.777.410.11			CAPSTAN COMPUTATION LOGIC	St
Lx0017	50.11.01010		TR 102	LC 1.35 M	St
Lx0018	50.11.01017		TR 120		St
Lx0019	50.11.01018		LC 33V N		St
Jx0001	5x.01.0291	4 PDL		STRIP C15	AMP
Jx0002	5x.01.0291	1 PDL		STRIP C15	AMP
Jx0003	5x.01.0291	11 PDL		STRIP C15	AMP
Lx0001	62.03.025	250 MH		2 A - FILTER	Tokn
Lx0002	1.022.222.00	16 MH		HP-MOSSEL	St
Lx0003	1.022.222.00	16 MH		HP-MOSSEL	St
Px0001	5x.01.0286	5 PDL		CASING C15	St
Px0002	5x.02.0320			TEST POINT	St
Px0003	5x.02.0320			TEST POINT	St
Px0004	5x.02.0320			TEST POINT	St
HPx0001	1.777.410.11			CAPSTAN-SERVOP PCB	St
HPx0002	1.777.410.11			FAST START BOARD	St
Qx0001	50.03.0340			BC 337-25	ITT/Phy
Qx0002	50.03.0340			BC 337-25	St
Qx0003	50.03.0340			BC 337-25	St
Qx0004	50.03.0340			BC 337-25	St
Qx0005	50.03.0340			BC 337-25	St
Qx0006	50.03.0340			BC 337-25	St
Qx0007	50.03.0340			BC 337-25	St
Qx0008	50.03.0340			BC 337-25	St
Qx0009	50.03.0340			BC 337-25	St
Qx0010	50.03.0340			BC 337-25	St
Qx0011	50.03.0340			BC 337-25	St
Qx0012	50.03.0340			BC 337-25	St
Qx0013	50.03.0340			BC 337-25	St
Qx0014	50.03.0340			BC 337-25	St
Qx0015	50.03.0340			BC 337-25	St
Qx0016	50.03.0340			BC 337-25	St
Qx0017	50.03.0340			BC 337-25	St
Qx0018	50.03.0340			BC 337-25	St
Qx0019	50.03.0340			BC 337-25	St
Qx0020	50.03.0340			BC 337-25	St
Qx0021	50.03.0340			BC 337-25	St
Qx0022	50.03.0340			BC 337-25	St
Qx0023	50.03.0340			BC 337-25	St
Qx0024	50.03.0340			BC 337-25	St
Qx0025	50.03.0340			BC 337-25	St
Qx0026	50.03.0340			BC 337-25	St
Qx0027	50.03.0340			BC 337-25	St
Qx0028	50.03.0340			BC 337-25	St
Qx0029	50.03.0340			BC 337-25	St
Qx0030	50.03.0340			BC 337-25	St
Qx0031	50.03.0340			BC 337-25	St
Qx0032	50.03.0340			BC 337-25	St
Qx0033	50.03.0340			BC 337-25	St
Qx0034	50.03.0340			BC 337-25	St
Qx0035	50.03.0340			BC 337-25	St
Qx0036	50.03.0340			BC 337-25	St
Qx0037	50.03.0340			BC 337-25	St
Qx0038	50.03.0340			BC 337-25	St
Qx0039	50.03.0340			BC 337-25	St
Qx0040	50.03.0340			BC 337-25	St
Qx0041	50.03.0340			BC 337-25	St
Qx0042	50.03.0340			BC 337-25	St
Qx0043	50.03.0340			BC 337-25	St
Qx0044	50.03.0340			BC 337-25	St
Qx0045	50.03.0340			BC 337-25	St
Qx0046	50.03.0340			BC 337-25	St
Qx0047	50.03.0340			BC 337-25	St
Qx0048	50.03.0340			BC 337-25	St
Qx0049	50.03.0340			BC 337-25	St
Qx0050	50.03.0340			BC 337-25	St
Qx0051	50.03.0340			BC 337-25	St
Qx0052	50.03.0340			BC 337-25	St
Qx0053	50.03.0340			BC 337-25	St
Qx0054	50.03.0340			BC 337-25	St
Qx0055	50.03.0340			BC 337-25	St
Qx0056	50.03.0340			BC 337-25	St
Qx0057	50.03.0340			BC 337-25	St
Qx0058	50.03.0340			BC 337-25	St
Qx0059	50.03.0340			BC 337-25	St
Qx0060	50.03.0340			BC 337-25	St
Qx0061	50.03.0340			BC 337-25	St
Qx0062	50.03.0340			BC 337-25	St
Qx0063	50.03.0340			BC 337-25	St
Qx0064	50.03.0340			BC 337-25	St
Qx0065	50.03.0340			BC 337-25	St
Qx0066	50.03.0340			BC 337-25	St
Qx0067	50.03.0340			BC 337-25	St
Qx0068	50.03.0340			BC 337-25	St
Qx0069	50.03.0340			BC 337-25	St
Qx0070	50.03.0340			BC 337-25	St
Qx0071	50.03.0340			BC 337-25	St
Qx0072	50.03.0340			BC 337-25	St
Qx0073	50.03.0340			BC 337-25	St
Qx0074	50.03.0340			BC 337-25	St
Qx0075	50.03.0340			BC 337-25	St
Qx0076	50.03.0340			BC 337-25	St
Qx0077	50.03.0340			BC 337-25	St
Qx0078	50.03.0340			BC 337-25	St
Qx0079	50.03.0340			BC 337-25	St
Qx0080	50.03.0340			BC 337-25	St
Qx0081	50.03.0340			BC 337-25	St
Qx0082	50.03.0340			BC 337-25	St
Qx0083	50.03.0340			BC 337-25	St
Qx0084	50.03.0340			BC 337-25	St
Qx0085	50.03.0340			BC 337-25	St
Qx0086	50.03.0340			BC 337-25	St
Qx0087	50.03.0340			BC 337-25	St
Qx0088	50.03.0340			BC 337-25	St
Qx0089	50.03.0340			BC 337-25	St
Qx0090	50.03.0340			BC 337-25	St
Qx0091	50.03.0340			BC 337-25	St
Qx0092	50.03.0340			BC 337-25	St
Qx0093	50.03.0340			BC 337-25	St
Qx0094	50.03.0340			BC 337-25	St
Qx0095	50.03.0340			BC 337-25	St
Qx0096	50.03.0340			BC 337-25	St
Qx0097	50.03.0340			BC 337-25	St
Qx0098	50.03.0340			BC 337-25	St
Qx0099	50.03.0340			BC 337-25	St
Qx0100	50.03.0340			BC 337-25	St
Qx0101	50.03.0340			BC 337-25	St
Qx0102	50.03.0340			BC 337-25	St
Qx0103	50.03.0340			BC 337-25	St
Qx0104	50.03.0340			BC 337-25	St
Qx0105	50.03.0340			BC 337-25	St
Qx0106	50.03.0340			BC 337-25	St
Qx0107	50.03.0340			BC 337-25	St
Qx0108	50.03.0340			BC 337-25	St
Qx0109	50.03.0340			BC 337-25	St
Qx0110	50.03.0340			BC 337-25	St
Qx0111	50.03.0340			BC 337-25	St
Qx0112	50.03.0340			BC 337-25	St
Qx0113	50.03.0340			BC 337-25	St
Qx0114	50.03.0340			BC 337-25	St
Qx0115	50.03.0340			BC 337-25	St
Qx0116	50.03.0340			BC 337-25	St
Qx0117	50.03.0340			BC 337-25	St
Qx0118	50.03.0340			BC 337-25	St
Qx0119	50.03.0340			BC 337-25	St
Qx0120	50.03.0340			BC 337-25	St
Qx0121	50.03.0340			BC 337-25	St
Qx0122	50.03.0340			BC 337-25	St
Qx0123	50.03.0340			BC 337-25	St
Qx0124	50.03.0340			BC 337-25	St
Qx0125	50.03.0340			BC 337-25	St
Qx0126	50.03.0340			BC 337-25	St
Qx0127	50.03.0340			BC 337-25	St
Qx0128	50.03.0340			BC 337-25	St
Qx0129	50.03.0340			BC 337-25	St
Qx0130	50.03.0340			BC 337-25	St
Qx0131	50.03.0340			BC 337-25	St
Qx0132	50.03.0340			BC 337-25	St
Qx0133	50.03.0340			BC 337-25	St
Qx0134	50.03.0340			BC 337-25	St
Qx0135	50.03.0340			BC 337-25	St
Qx0136	50.03.0340			BC 337-25	St
Qx0137	50.03.0340			BC 337-25	St
Qx0138	50.03.0340			BC 337-25	St
Qx0139	50.03.0340			BC 337-25	St
Qx0140	50.03.0340			BC 337-25	St
Qx0141	50.03.0340			BC 337-25	St
Qx0142	50.03.0340			BC 337-25	St
Qx0143	50.03.0340			BC 337-25	St
Qx0144	50.03.0340			BC 337-25	St
Qx0145	50.03.0340			BC 337-25	St
Qx0146	50.03.0340			BC 337-25	St
Qx0147	50.03.0340			BC 337-25	St
Qx0148	50.03.0340			BC 337-25	St
Qx0149	50.03.0340			BC 337-25	St
Qx0150	50.03.0340			BC 337-25	St
Qx0151	50.03.0340			BC 337-25	St
Qx0152	50.03.0340			BC 337-25	St
Qx0153	50.03.0340			BC 337-25	St
Qx0154	50.03.0340			BC 337-25	St
Qx0155	50.03.0340			BC 337-25	St
Qx0156	50.03.0340			BC 337-25	St
Qx0157	50.03.0340			BC 337-25	St
Qx0158	50.03.0340			BC 337-25	St
Qx0159	50.03.0340			BC 337-25	St
Qx0160	50.03.0340			BC 337-25	St
Qx0161	50.03.0340			BC 337-25	St
Qx0162	50.03.0340			BC 337-25	St
Qx0163	50.03.0340			BC 337-25	St
Qx0164	50.03.0340			BC 337-25	St
Qx0165	50.03.0340			BC 337-25	St
Qx0166	50.03.0340			BC 337-25	St
Qx0167	50.03.0340			BC 337-25	St
Qx0168	50.03.0340			BC 337-25	St
Qx0169	50.03.0340			BC 337-25	St
Qx0170	50.03.0340			BC 337-25	St
Qx0171	50.03.0340			BC 337-25	St
Qx0172	50.03.0340			BC 337-25	St
Qx0173	50.03.0340			BC 337-25	St
Qx0174	50.03.0340			BC 337-25	St
Qx0175	50.03.0340			BC 337-25	St
Qx0176	50.03.0340			BC 337-25	St
Qx0177	50.03.0340			BC 337-25	St
Qx0178	50.03.0340			BC 337-25	St
Qx0179	50.03.0340			BC 337-25	St
Qx0180	50.03.0340			BC 337-25	St
Qx0181	50.03.0340			BC 337-25	St
Qx0182	50.03.0340			BC 337-25	St
Qx0183	50.03.0340			BC 337-25	St
Qx0184	50.03.0340			BC 337-25	St
Qx0185	50.03.0340			BC 337-25	St
Qx0186	50.03.0340			BC 337-25	St
Qx0187	50.03.0340			BC 337-25	St
Qx0188	50.03.0340			BC 337-25	St
Qx0189	50.03.0340			BC 337-25	St
Qx0190	50.03.0340			BC 337-25	St
Qx0191	50.03.0340			BC 337-25	St
Qx0192	50.03.0340			BC 337-25	St
Qx0193	50.03.0340			BC 337-25	St
Qx0194	50.03.0340			BC 337-25	St
Qx0195	50.03.0340			BC 337-25	St
Qx019					

## CAPSTAN SERVO BOARD 1.777.410.21

INO.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.	INO.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
Q..0012				not connected		R..0098	57.11.4152	1.5 K	2%, 0207	MF	
Q..0013	50.03.0491			BC 546 B		R..0099	57.11.4332	3.3 K	2%, 0207	MF	
Q..0014	50.03.0799			B0 680	Ph	R..0100	57.11.4561	560	2%, 0207	MF	
Q..0015	50.03.0749			B0 679	Ph	R..0101	57.11.4102	1 K	2%, 0207	MF	
Q..0016	50.03.0491			BC 546 B		R..0102	57.11.4109	1	2%, 0207	MF	
Q..0017	50.03.0799			B0 680	Ph	R..0103	57.11.4109	1	2%, 0207	MF	
Q..0018	50.03.0749			B0 679	Ph	R..0104	57.11.4109	1	2%, 0207	MF	
Q..0019	50.03.0799			B0 680	Ph	R..0105	57.11.4109	1	2%, 0207	MF	
Q..0020	50.03.0749			B0 679	Ph	R..0106	57.11.4103	10 K	2%, 0207	MF	
Q..0021	50.03.0491			BC 546 B		R..0107	57.11.4102	1 K	2%, 0207	MF	
Q..0022	50.03.0514			BF 366	Mot	R..0108	57.11.4121	120	2%, 0207	MF	
Q..0023	50.03.0340			BC 337-25		R..0109	57.11.4103	10 K	2%, 0207	MF	
Q..0024	50.03.0329			MP 146-TR	Si	R..0110	57.11.4681	680	2%, 0207	MF	
R..0001	57.11.4393		39 K	2%, 0207	MF	R..0111	57.11.4121	120	2%, 0207	MF	
R..0002	57.11.4272		2.7 K	2%, 0207	MF	R..0112	57.11.4102	1 K	2%, 0207	MF	
R..0003	57.11.4332		3.3 K	2%, 0207	MF	R..0113	57.11.4102	1 K	2%, 0207	MF	
R..0004	57.11.4822		8.2 K	2%, 0207	MF	R..0114	57.11.4273	27 K	2%, 0207	MF	
R..0005	57.11.4221		220	2%, 0207	MF	R..0115	57.11.4223	22 K	2%, 0207	MF	
R..0006	57.11.4479		4.7	2%, 0207	MF	R..0116	57.11.4822	8.2 K	2%, 0207	MF	
R..0007	57.11.4103		10 K	2%, 0207	MF	R..0117	57.11.4822	8.2 K	2%, 0207	MF	
R..0008	57.11.4103		10 K	2%, 0207	MF	R..0118	57.11.4103	10 K	2%, 0207	MF	
R..0009	57.11.4103		10 K	2%, 0207	MF	R..0119	57.11.4562	5.6 K	2%, 0207	MF	
R..0010	57.11.4103		10 K	2%, 0207	MF	R..0120	57.11.4103	10 K	2%, 0207	MF	
R..0011	57.11.3133		13 K	1%, 0207	MF	R..0121	57.11.4103	10 K	2%, 0207	MF	
R..0012	57.11.4333		33 K	2%, 0207	MF	R..0122	57.11.4682	6.8 K	2%, 0207	MF	
R..0013	57.11.4682		6.8 K	2%, 0207	MF	R..0123	57.11.4103	10 K	2%, 0207	MF	
R..0014	57.11.4332		3.3 K	2%, 0207	MF	R..0124	57.11.4103	10 K	2%, 0207	MF	
R..0015	57.11.4102		1 K	2%, 0207	MF	R..0125	57.11.4103	10 K	2%, 0207	MF	
R..0016	57.11.4103		10 K	2%, 0207	MF	R..0126	57.11.4103	10 K	2%, 0207	MF	
R..0017	57.11.4103		10 K	2%, 0207	MF	R..0127	57.11.4105	1 M	2%, 0207	MF	
R..0018	57.11.4562		5.6 K	2%, 0207	MF	R..0128	57.11.4472	4.7 K	2%, 0207	MF	
R..0019	57.11.4153		15 K	2%, 0207	MF	R..0129	57.11.4472	4.7 K	2%, 0207	MF	
R..0020	57.11.4153		15 K	2%, 0207	MF	R..0130	57.11.4472	4.7 K	2%, 0207	MF	
R..0021	57.11.4223		22 K	2%, 0207	MF	R..0131	57.11.4221	220	2%, 0207	MF	
R..0022	57.11.4104		100 K	2%, 0207	MF	R..0132	57.11.4473	47 K	2%, 0207	MF	
R..0023	57.11.4122		1.2 K	2%, 0207	MF	R..0133	57.11.4152	1.5 K	2%, 0207	MF	
						R..0134	57.11.4105	1 M	2%, 0207	MF	

S T U D E R (00) 88/02/15

CAPSTAN-SERVO-BOARD

A

1.777.410.21

PAGE 4

S T U D E R (00) 88/02/15

CAPSTAN-SERVO-BOARD

A

1.777.410.21

PAGE 7

INO.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.	INO.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
R..0024	57.11.4823		82 K	2%, 0207	MF	R..0135	57.11.4104	100 K	2%, 0207	MF	
R..0025	57.11.4273		27 K	2%, 0207	MF	R..0136	57.11.5125	1.2 M	5%, 0207	MF	
R..0026	57.11.4105		1 M	2%, 0207	MF						
R..0027				not connected		RA..0001	58.02.5103	10 K	20%, 1 W	PCSC	PhOraloric
R..0028	57.11.4273		27 K	2%, 0207	MF	RA..0002	59.02.5221	220	20%, 1 W	PCSC	PhOraloric
R..0029	57.11.4104		100 K	2%, 0207	MF						
R..0030	57.11.4822		8.2 K	2%, 0207	MF	W..0001	1.023.112.10	20 POL.	FLATCABLE	CAPSTAN SERVO	St
R..0031	57.11.4822		8.2 K	2%, 0207	MF	W..0002	1.777.410.93		WL-CAPSTAN SERVO (1)		St
R..0032	57.11.4222		2.2 K	2%, 0207	MF						
R..0033	57.11.4561		560	2%, 0207	MF						
R..0034	57.11.4103		10 K	2%, 0207	MF						
R..0035	57.11.4332		3.3 K	2%, 0207	MF						
R..0036	57.11.4102		1 K	2%, 0207	MF						
R..0037	57.11.3224		220 K	1%, 0207	MF						
R..0038	57.11.4221		220	2%, 0207	MF						
R..0039	57.11.4562		5.6 K	2%, 0207	MF						
R..0040	57.11.4562		5.6 K	2%, 0207	MF						
R..0041	57.11.4562		5.6 K	2%, 0207	MF						
R..0042	57.11.4333		33 K	2%, 0207	MF						
R..0043	57.11.4333		33 K	2%, 0207	MF						
R..0044	57.11.4333		33 K	2%, 0207	MF						
R..0045	57.11.4333		33 K	2%, 0207	MF						
R..0046	57.11.4223		22 K	2%, 0207	MF						
R..0047	57.11.4222		2.2 K	2%, 0207	MF						
R..0048	57.11.4223		22 K	2%, 0207	MF						
R..0049	57.11.4474		470 K	2%, 0207	MF						
R..0050	57.11.4562		5.6 K	2%, 0207	MF						
R..0051	57.11.4562		5.6 K	2%, 0207	MF						
R..0052	57.11.4562		5.6 K	2%, 0207	MF						
R..0053	57.11.4221		220	2%, 0207	MF						
R..0054	57.11.3564		560 K	1%, 0207	MF						
R..0055	57.11.3364		360 K	1%, 0207	MF						
R..0056	57.11.4332		3.3 K	2%, 0207	MF						
R..0057	57.11.4682		6.8 K	2%, 0207	MF						
R..0058	57.11.4332		3.3 K	2%, 0207	MF						
R..0059	57.11.4123		12 K	2%, 0207	MF						
R..0060	57.11.4152		1.5 K	2%, 0207	MF						

S T U D E R (00) 88/02/15

CAPSTAN-SERVO-BOARD

A

1.777.410.21

PAGE 5

S T U D E R (00) 88/02/15

CAPSTAN-SERVO-BOARD

A

1.777.410.21

PAGE 8

INO.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.	INO.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
R..0061	57.11.4105		1 M	2%, 0207	MF						
R..0062	57.11.4222		2.2 K	2%, 0207	MF						
R..0063	57.11.4472		4.7 K	2%, 0207	MF						
R..0064	57.11.4182		1.8 K	2%, 0207	MF						
R..0065	57.11.4472		4.7 K	2%, 0207	MF						
R..0066	57.11.4152		1.5 K	2%, 0207	MF						
R..0067	57.11.4102		1 K	2%, 0207	MF						
R..0068	57.11.4152		1.5 K	2%, 0207	MF						
R..0069	57.11.4472		4.7 K	2%, 0207	MF						
R..0070	57.11.4682		6.8 K	2%, 0207	MF						
R..0071	57.11.4561		560	2%, 0207	MF						
R..0072	57.11.4223		22 K	2%, 0207	MF						
R..0073	57.11.4103		10 K	2%, 0207	MF						
R..0074	57.11.4332		3.3 K	2%, 0207	MF						
R..0075	57.11.4102		1 K	2%, 0207	MF						
R..0076				not connected							
R..0077				not connected							
R..0078				not connected							
R..0079				not connected							
R..0080	57.11.4122		1.2 K	2%, 0207	MF						
R..0081	57.11.3911		910	1%, 0207	MF						
R..0082	57.11.4102		1 K	2%, 0207	MF						
R..0083	57.11.4333		33 K	2%, 0207	MF						
R..0084	57.11.4101		100	2%, 0207	MF						
R..0085	57.11.4103		10 K	2%, 0207	MF						
R..0086	57.11.4103		10 K	2%, 0207	MF						
R..0087	57.11.4103		10 K	2%, 0207	MF						
R..0088	57.11.4332		3.3 K	2%, 0207	MF						
R..0089	57.11.4222		2.2 K	2%, 0207	MF						
R..0090	57.11.4561		560	2%, 0207	MF						
R..0091	57.11.4102		1 K	2%, 0207	MF						
R..0092	57.11.4222		2.2 K	2%, 0207	MF						
R..0093	57.11.4152		1.5 K	2%, 0207	MF						
R..0094	57.11.4332		3.3 K	2%, 0207	MF						
R..0095	57.11.4561		560	2%, 0207	MF						
R..0096	57.11.4102		1 K	2%, 0207	MF						
R..0097	57.11.4222		2.2 K	2%, 0207	MF						

S T U D E R (00) 88/02/15

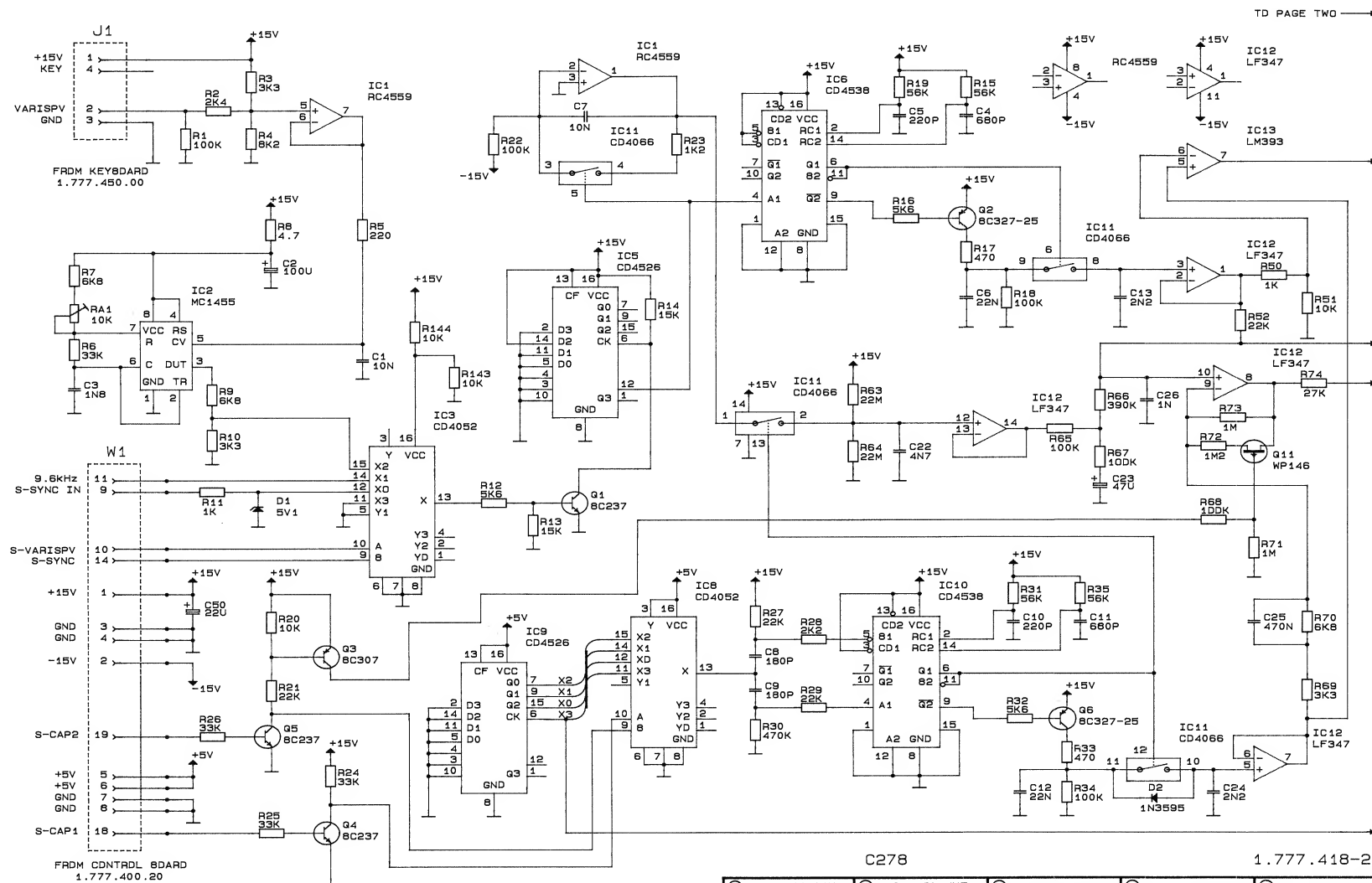
CAPSTAN-SERVO-BOARD

A

1.777.410.21

PAGE 6

CAPSTAN SERVO BOARD 1.777.412.21

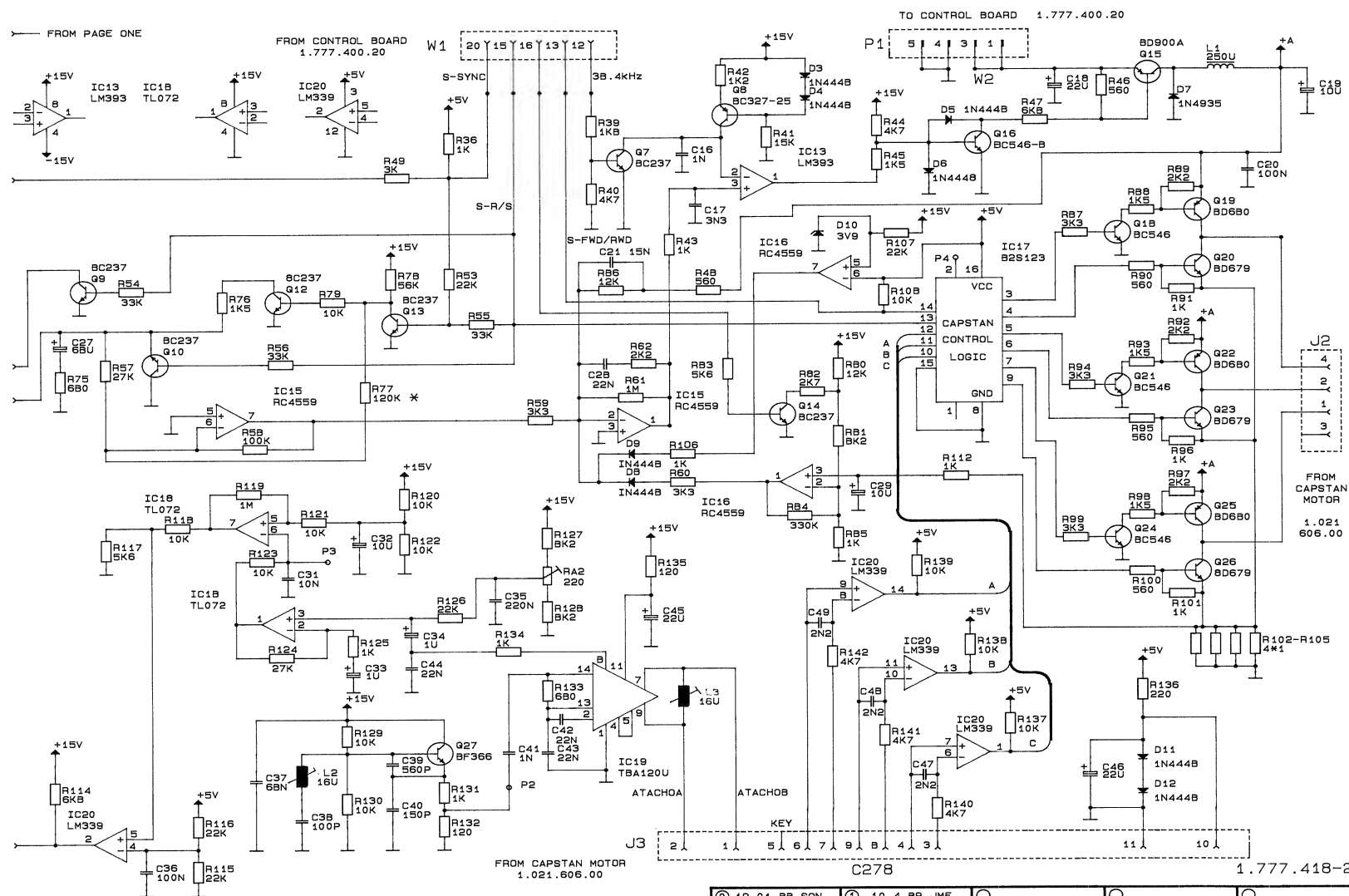


C278

1.777.418-21

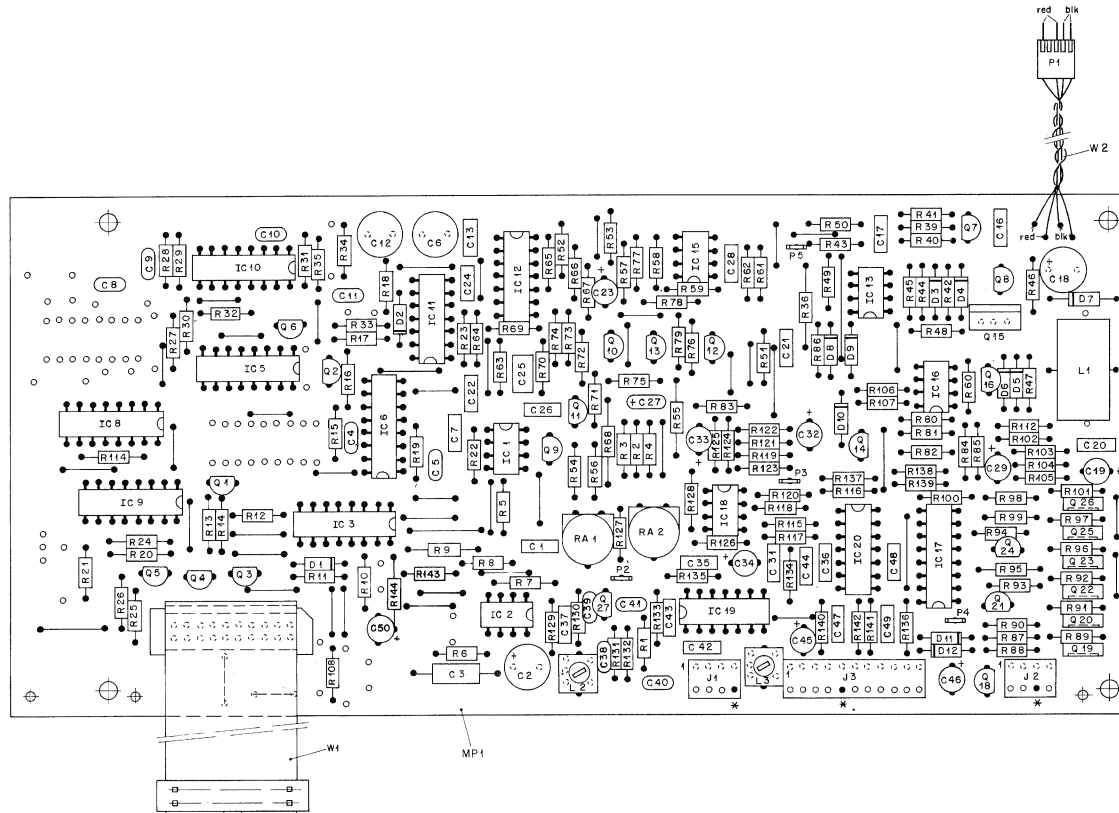
© 19.01.88 SON	① 10.4.89 JME	○	○	○
EGL	C270 C274			PAGE 1 OF 2
STUDER	CAPSTAN SERVO BOARD	"ESE"	SC	1.777.412-21

CAPSTAN SERVO BOARD 1.777.412.21



© 19.01.88 SON	© 10.4.89 JME			
EG	C270 C274			PAGE 2 OF 2
STUDER		CAPSTAN SERVO BOARD	"ESE"	SC 1.777.412-21

## CAPSTAN SERVO BOARD 1.777.412.21



IND.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
C.....1	59.09.0103	10 nF	10%, 63V	PE	
C.....2	59.22.0101	100 uF	-20%, 25V	EL	
C.....3	59.12.7102	1.8 nF	1%, 63V	PS	
C.....4	59.12.0801	680 pF	10%, 50V	Car	
C.....5	59.34.4221	220 pF	5%, 63V	Car	
C.....6	59.05.1223	22 pF	1%, 63V	PP	
C.....7	59.09.0103	10 nF	5%, 63V	PE	
C.....8	59.34.4181	180 pF	5%, 63V	Car	
C.....9	59.34.4181	180 pF	5%, 63V	Car	
C.....10	59.05.1223	22 pF	1%, 63V	PP	
C.....11	59.12.0801	680 pF	10%, 50V	Car	
C.....12	59.05.1223	22 pF	1%, 63V	PP	
C.....13	59.08.0222	2.2 nF	10%, 63V	PE	
C.....14	59.09.0102	1 nF	5%, 63V	PP	
C.....15	59.08.0332	3.3 nF	10%, 63V	PE	
C.....16	59.22.0220	22 uF	-20%, 63V	EL	
C.....17	59.22.0100	10 uF	-20%, 35V	EL	
C.....18	59.09.0104	100 nF	10%, 63V	PE	
C.....19	59.22.0100	10 uF	-20%, 35V	EL	
C.....20	59.09.0104	100 nF	10%, 63V	PE	
C.....21	59.08.0153	15 nF	10%, 63V	PE	
C.....22	59.09.0172	4.7 nF	10%, 63V	PE	
C.....23	59.22.3470	47 uF	-20%, 10V	EL	
C.....24	59.09.0222	2.2 nF	10%, 63V	PE	
C.....25	59.09.0474	470 nF	5%, 63V	PP	
C.....26	59.09.0102	1 nF	5%, 63V	PP	
C.....27	59.28.0500	68 uF	20%, 6.3V	SAL	
C.....28	59.09.0223	22 nF	10%, 63V	PE	
C.....29	59.22.0100	10 uF	-20%, 35V	EL	
C.....30	59.09.0103	10 nF	10%, 63V	PE	
C.....31	59.22.0100	10 uF	-20%, 35V	EL	
C.....32	59.22.0100	10 uF	-20%, 35V	EL	
C.....33	59.22.0100	10 uF	-20%, 35V	EL	
C.....34	59.22.0100	10 uF	-20%, 35V	EL	
C.....35	59.09.0224	22 nF	10%, 63V	PE	
C.....36	59.09.0104	100 nF	10%, 63V	PE	
C.....37	59.09.0223	22 nF	10%, 63V	PE	
C.....38	59.44.4101	100 pF	5%, 63V	Car	
C.....39	59.44.4101	100 pF	5%, 63V	Car	
C.....40	59.44.4101	100 pF	5%, 63V	Car	

S T U D E R (01) 49/04/10 CAPSTAN-SERVO-BOARD A PL 1.777.412.21 PAGE 1

IND.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
C.....41	59.32.4102	1 nF	20%, 63V	Car	
C.....42	59.09.0223	22 nF	10%, 63V	PE	
C.....43	59.09.0223	22 nF	10%, 63V	PE	
C.....44	59.09.0223	22 nF	10%, 63V	PE	
(01) C.....45	59.22.0220	22 uF	-20%, 63V	EL	
(01) C.....46	59.22.0220	22 uF	-20%, 63V	EL	
(01) C.....47	59.22.0220	22 uF	-20%, 35V	EL	
(01) C.....48	59.09.0222	2.2 nF	10%, 63V	PE	
(01) C.....49	59.09.0222	2.2 nF	10%, 63V	PE	
(01) C.....50	59.22.0220	22 uF	-20%, 63V	EL	
(01) C.....51	59.22.0220	22 uF	-20%, 35V	EL	
D.....1	50.74.1112	5.1 V	10%, 0.5W	ND	
D.....2	50.04.0134	1N 3595			
D.....3	50.09.0125	1N 4448			
D.....4	50.04.0125	1N 4448			
D.....5	50.04.0125	1N 4448			
D.....6	50.04.0125	1N 4448			
D.....7	50.04.0125	1N 4448			
D.....8	50.04.0125	1N 4448			
D.....9	50.04.0125	1N 4448			
D.....10	50.04.0125	1N 4448			
D.....11	50.04.0125	1N 4448			
D.....12	50.04.0125	1N 4448			
IC.....1	50.39.0107	IC 4559	Dual Op. Amp	RevNEC	
IC.....2	50.37.0036	IC 4755	CMOS	RevNEC	
IC.....3	50.37.0024	IC 14057	Dual Op. Amp	RevNEC	
IC.....4	50.37.0064	IC 14026	CMOS	RevNEC	
IC.....5	50.37.1518	IC 14058	CMOS	RevNEC	
IC.....6	50.37.0024	IC 14057	CMOS	RevNEC	
IC.....7	50.37.0024	IC 14057	CMOS	RevNEC	
IC.....8	50.37.1518	IC 14058	CMOS	RevNEC	
IC.....9	50.37.0024	IC 14057	CMOS	RevNEC	
IC.....10	50.37.0024	IC 14057	CMOS	RevNEC	
IC.....11	50.37.0024	IC 14057	CMOS	RevNEC	
IC.....12	50.37.0024	IC 14057	CMOS	RevNEC	

S T U D E R (01) 49/04/10 CAPSTAN-SERVO-BOARD A PL 1.777.412.21 PAGE 2

IND.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
IC.....13	50.05.0283	LN 339	Dual Comparator	TI/MS	
IC.....14	50.39.0107	IC 4559	Dual Op. Amp	RevNEC	
IC.....15	50.07.0107	IC 4559	Dual Op. Amp	RevNEC	
IC.....16	50.07.0107	IC 4559	Dual Op. Amp	RevNEC	
IC.....17	1.777.411.20		CAPSTAN COMMUTATOR LOGIC	SI	
IC.....18	50.09.0101	TL 072	Dual Op. Amp	TI/MS	
IC.....19	50.11.0151	TBA 120 U	PR-Commutator	RevNEC	
IC.....20	50.11.0104	LN 339 N	Dual Comparator	MS/Car/Not	
J.....1	54.01.0241	4 pin	Strip CIS	AMP	
J.....2	54.01.0241	4 pin	Strip CIS	AMP	
J.....3	54.01.0291	10 pin	Strip CIS	AMP	
L.....1	82.03.0025	250 uH	2 A + FILTER	Token	
L.....2	1.777.412.00	16 uH	HF-DRUSSEL		
L.....3	1.777.412.00	16 uH	HF-DRUSSEL		
MP.....1	1.777.413.11		CAPSTAN-SERVO PCB		
(01) MP.....1	1.777.413.12		CAPSTAN-SERVO PCB		
P.....1	54.01.0054	5 pin	Casing CIS		
P.....2	54.02.0320		Test Point		
P.....3	54.02.0320		Test Point		
P.....4	54.02.0320		Test Point		
P.....5	54.02.0320		Test Point		
Q.....1	50.34.0436	IC 237-5	NPV		
Q.....2	50.34.0436	IC 237-5	NPV		
Q.....3	50.34.0436	IC 237-5	NPV		
Q.....4	50.34.0436	IC 237-5	NPV		
Q.....5	50.34.0436	IC 237-5	NPV		
Q.....6	50.34.0436	IC 237-5	NPV		
Q.....7	50.34.0436	IC 237-5	NPV		
Q.....8	50.34.0436	IC 237-5	NPV		
Q.....9	50.34.0436	IC 237-5	NPV		
Q.....10	50.34.0436	IC 237-5	NPV		
Q.....11	50.34.0436	IC 237-5	NPV		
Q.....12	50.34.0436	IC 237-5	NPV		

S T U D E R (01) 49/04/10 CAPSTAN-SERVO-BOARD A PL 1.777.412.21 PAGE 3



## CAPSTAN SERVO BOARD 1.777.412.21

IND.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.	IND.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
Q	13	50.03.0436	8C 237-B	NPN		R	99	57.11.3122	3.3 KOhm	2% ±25W MF	
Q	14	50.03.0436	8C 237-B	NPN		R	100	57.11.3122	3.3 KOhm	2% ±25W MF	
Q	15	50.03.0513	8D 920-A	PNP-Darlington		R	101	57.11.3122	1 KOhm	2% ±25W MF	
Q	16	50.03.0491	8C 546-B	NPN		R	102	57.11.3109	1 Ohm	2% ±25W MF	
Q	17	50.03.0491	8C 546-B	NPN		R	103	57.11.3109	1 Ohm	2% ±25W MF	
Q	18	50.03.0505	8D 682	PNP-Darlington		R	104	57.11.3109	1 Ohm	2% ±25W MF	
Q	19	50.03.0504	8D 679	PNP-Darlington		R	105	57.11.3109	1 KOhm	2% ±25W MF	
Q	20	50.03.0491	8C 546-B	NPN		R	106	57.11.3102	1 KOhm	2% ±25W MF	
Q	21	50.03.0491	8C 546-B	NPN		R	107	57.11.3223	22 KOhm	2% ±25W MF	
Q	22	50.03.0504	8D 680	PNP-Darlington		R	108	57.11.3103	10 KOhm	2% ±25W MF	
Q	23	50.03.0504	8D 679	PNP-Darlington		R	109	57.11.3103	10 KOhm	2% ±25W MF	
Q	24	50.03.0491	8C 546-B	NPN		R	110	57.11.3103	10 KOhm	2% ±25W MF	
Q	25	50.03.0505	8D 680	PNP-Darlington		R	111	57.11.3103	10 KOhm	2% ±25W MF	
Q	26	50.03.0504	8D 679	PNP-Darlington		R	112	57.11.3223	22 KOhm	2% ±25W MF	
Q	27	50.03.0514	8F 346	NPN		R	113	57.11.3223	22 KOhm	2% ±25W MF	
R	1	57.11.3104	100 KOhm	2% ±25W MF		R	114	57.11.3223	22 KOhm	2% ±25W MF	
R	2	57.11.3242	2.4 KOhm	2% ±25W MF		R	115	57.11.3103	10 KOhm	2% ±25W MF	
R	3	57.11.3122	3.3 KOhm	2% ±25W MF		R	116	57.11.3103	10 KOhm	2% ±25W MF	
R	4	57.11.3122	8.2 KOhm	2% ±25W MF		R	117	57.11.3103	10 KOhm	2% ±25W MF	
R	5	57.11.3223	220 Ohm	2% ±25W MF		R	118	57.11.3103	10 KOhm	2% ±25W MF	
R	6	57.11.3123	33 KOhm	2% ±25W MF		R	119	57.11.3103	10 KOhm	2% ±25W MF	
R	7	57.11.3123	33 KOhm	2% ±25W MF		R	120	57.11.3103	10 KOhm	2% ±25W MF	
R	8	57.11.3479	4.7 Ohm	2% ±25W MF		R	121	57.11.3103	10 KOhm	2% ±25W MF	
R	9	57.11.3102	6.8 KOhm	2% ±25W MF		R	122	57.11.3103	10 KOhm	2% ±25W MF	
R	10	57.11.3122	3.3 KOhm	2% ±25W MF		R	123	57.11.3103	10 KOhm	2% ±25W MF	
R	11	57.11.3102	1 KOhm	2% ±25W MF		R	124	57.11.3103	10 KOhm	2% ±25W MF	
R	12	57.11.3102	1 KOhm	2% ±25W MF		R	125	57.11.3102	1 KOhm	2% ±25W MF	
R	13	57.11.3153	15 KOhm	2% ±25W MF		R	126	57.11.3223	8.2 KOhm	2% ±25W MF	
R	14	57.11.3153	15 KOhm	2% ±25W MF		R	127	57.11.3223	8.2 KOhm	2% ±25W MF	
R	15	57.11.3103	10 KOhm	2% ±25W MF		R	128	57.11.3223	8.2 KOhm	2% ±25W MF	
R	16	57.11.3102	5.6 KOhm	2% ±25W MF		R	129	57.11.3103	10 KOhm	2% ±25W MF	
R	17	57.11.3102	1 KOhm	2% ±25W MF		R	130	57.11.3103	10 KOhm	2% ±25W MF	
R	18	57.11.3104	100 KOhm	1% ±25W MF		R	131	57.11.3102	1 KOhm	2% ±25W MF	
R	19	57.11.3104	100 KOhm	1% ±25W MF		R	132	57.11.3102	120 Ohm	2% ±25W MF	
R	20	57.11.3103	10 KOhm	2% ±25W MF		R	133	57.11.3102	680 Ohm	2% ±25W MF	
R	21	57.11.3103	10 KOhm	2% ±25W MF		R	134	57.11.3102	1 KOhm	2% ±25W MF	
R	22	57.11.3124	100 KOhm	2% ±25W MF		R	135	57.11.3102	100 Ohm	2% ±25W MF	
R	23	57.11.3124	100 KOhm	2% ±25W MF		R	136	57.11.3102	220 Ohm	2% ±25W MF	

S T U D E R (01) 89/04/10 CAPSTAN-SERVO-BOARD A PL 1.777.412.21 PAGE 4 S T U D E R (01) 89/04/10 CAPSTAN-SERVO-BOARD A PL 1.777.412.21 PAGE 7

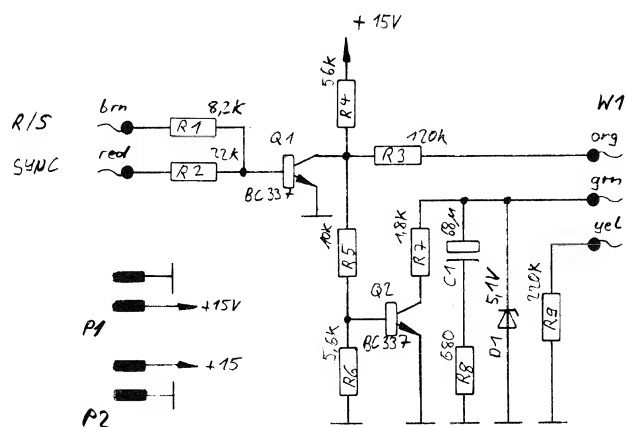
IND.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.	IND.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.	
R	24	57.11.3122	1.2 KOhm	2% ±25W MF		R	140	57.11.3477	4.7 KOhm	2% ±25W MF		
R	25	57.11.3123	33 KOhm	2% ±25W MF		R	141	57.11.3472	4.7 KOhm	2% ±25W MF		
R	26	57.11.3123	33 KOhm	2% ±25W MF		R	142	57.11.3472	4.7 KOhm	2% ±25W MF		
R	27	57.11.3123	22 KOhm	2% ±25W MF		(01)	R	143	57.11.3103	10 KOhm	2% ±25W MF	
R	28	57.11.3222	2.2 KOhm	2% ±25W MF		(01)	R	144	57.11.3103	10 KOhm	2% ±25W MF	
R	29	57.11.3123	22 KOhm	2% ±25W MF		R	145	58.02.9103	10 KOhm	20% ±1 W PCSCH		
R	30	57.11.3474	470 KOhm	2% ±25W MF		R	146	58.02.9221	220 Ohm	20% ±1 W PCSCH		
R	31	57.11.3103	56 KOhm	2% ±25W MF		R	147	1.777.010.93	20 pin	PinCable		
R	32	57.11.3102	5.6 KOhm	2% ±25W MF		R	148	1.777.010.93	20 pin	PinCable		
R	33	57.11.3101	470 Ohm	2% ±25W MF								
R	34	57.11.3124	100 KOhm	1% ±25W MF								
R	35	57.11.3103	56 KOhm	2% ±25W MF								
R	36	57.11.3102	1 KOhm	2% ±25W MF								
R	37	57.11.3102	1.0 KOhm	2% ±25W MF								
R	38	57.11.3472	4.7 KOhm	2% ±25W MF								
R	39	57.11.3103	15 KOhm	2% ±25W MF								
R	40	57.11.3122	1.2 KOhm	2% ±25W MF								
R	41	57.11.3102	1 KOhm	2% ±25W MF								
R	42	57.11.3472	4.7 KOhm	2% ±25W MF								
R	43	57.11.3102	1.5 KOhm	2% ±25W MF								
R	44	57.11.3101	560 Ohm	2% ±25W MF								
R	45	57.11.3101	560 Ohm	2% ±25W MF								
R	46	57.11.3101	560 Ohm	2% ±25W MF								
R	47	57.11.3101	560 Ohm	2% ±25W MF								
R	48	57.11.3102	1 KOhm	2% ±25W MF								
R	49	57.11.3102	1.5 KOhm	2% ±25W MF								
R	50	57.11.3102	1 KOhm	2% ±25W MF								
R	51	57.11.3123	22 KOhm	2% ±25W MF								
R	52	57.11.3123	22 KOhm	2% ±25W MF								
R	53	57.11.3123	33 KOhm	2% ±25W MF								
R	54	57.11.3123	33 KOhm	2% ±25W MF								
R	55	57.11.3123	33 KOhm	2% ±25W MF								
R	56	57.11.3123	33 KOhm	2% ±25W MF								
R	57	57.11.3223	27 KOhm	2% ±25W MF								
R	58	57.11.3104	100 KOhm	2% ±25W MF								
R	59	57.11.3104	100 KOhm	2% ±25W MF								
R	60	57.11.3104	100 KOhm	2% ±25W MF								
R	61	57.11.3104	100 KOhm	2% ±25W MF								
R	62	57.11.3104	100 KOhm	2% ±25W MF								
R	63	57.11.3104	100 KOhm	2% ±25W MF								
R	64	57.11.3104	100 KOhm	2% ±25W MF								
R	65	57.11.3104	100 KOhm	2% ±25W MF								
R	66	57.11.3104	100 KOhm	2% ±25W MF								
R	67	57.11.3104	100 KOhm	2% ±25W MF								
R	68	57.11.3104	100 KOhm	2% ±25W MF								
R	69	57.11.3104	100 KOhm	2% ±25W MF								
R	70	57.11.3104	100 KOhm	2% ±25W MF								
R	71	57.11.3104	100 KOhm	2% ±25W MF								
R	72	57.11.3104	100 KOhm	2% ±25W MF								
R	73	57.11.3104	100 KOhm	2% ±25W MF								
R	74	57.11.3104	100 KOhm	2% ±25W MF								
R	75	57.11.3104	100 KOhm	2% ±25W MF								
R	76	57.11.3104	100 KOhm	2% ±25W MF								
R	77	57.11.3104	100 KOhm	2% ±25W MF								
R	78	57.11.3104	100 KOhm	2% ±25W MF								
R	79	57.11.3104	100 KOhm	2% ±25W MF								
R	80	57.11.3104	100 KOhm	2% ±25W MF								
R	81	57.11.3104	100 KOhm	2% ±25W MF								
R	82	57.11.3104	100 KOhm	2% ±25W MF								
R	83	57.11.3104	100 KOhm	2% ±25W MF								
R	84	57.11.3104	100 KOhm	2% ±25W MF								
R	85	57.11.3104	100 KOhm	2% ±25W MF								
R	86	57.11.3104	100 KOhm	2% ±25W MF								
R	87	57.11.3104	100 KOhm	2% ±25W MF								
R	88	57.11.3104	100 KOhm	2% ±25W MF								
R	89	57.11.3104	100 KOhm	2% ±25W MF								
R	90	57.11.3104	100 KOhm	2% ±25W MF								
R	91	57.11.3104	100 KOhm	2% ±25W MF								
R	92	57.11.3104	100 KOhm	2% ±25W MF								
R	93	57.11.3104	100 KOhm	2% ±25W MF								
R	94	57.11.3104	100 KOhm	2% ±25W MF								
R	95	57.11.3104	100 KOhm	2% ±25W MF								
R	96	57.11.3104	100 KOhm	2% ±25W MF								
R	97	57.11.3104	100 KOhm	2% ±25W MF								
R	98	57.11.3104	100 KOhm	2% ±25W MF								
R	99	57.11.3104	100 KOhm	2% ±25W MF								
R	100	57.11.3104	100 KOhm	2% ±25W MF								

S T U D E R (01) 89/04/10 CAPSTAN-SERVO-BOARD A PL 1.777.412.21 PAGE 5 S T U D E R (01) 89/04/10 CAPSTAN-SERVO-BOARD A PL 1.777.412.21 PAGE 8

IND.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
R	62	57.11.3222	2.2 KOhm	2% ±25W MF	
R	63	57.11.0226	22 KOhm	10% ±25W MF	
R	64	57.11.0226	22 KOhm	10% ±25W MF	
R	65	57.11.3104	100 KOhm	2% ±25W MF	
R	66	57.11.3104	390 KOhm	2% ±25W MF	
R	67	57.11.3104	100 KOhm	2% ±25W MF	
R	68	57.11.3104	100 KOhm	2% ±25W MF	
R	69	57.11.3104	100 KOhm	2% ±25W MF	
R	70	57.11.3104	100 KOhm	2% ±25W MF	
R	71	57.11.3104	100 KOhm	2% ±25W MF	
R	72	57.11.3104	100 KOhm	2% ±25W MF	
R	73	57.11.3105	1 MOhm	2% ±25W MF	
R	74	57.11.3105	1 MOhm	2% ±25W MF	
R	75	57.11.3105	1 MOhm	2% ±25W MF	
R	76	57.11.3105	1 MOhm	2% ±25W MF	
R	77	57.11.3105	1 MOhm	2% ±25W MF	
R	78	57.11.3105	1 MOhm	2% ±25W MF	
R	79	57.11.3105	1 MOhm	2% ±25W MF	
R	80	57.11.3105	1 MOhm	2% ±25W MF	
R	81	57.11.3105	1 MOhm	2% ±25W MF	
R	82	57.11.3105	1 MOhm	2% ±25W MF	
R	83	57.11.3105	1 MOhm	2% ±25W MF	
R	84	57.11.3105	1 MOhm	2% ±25W MF	
R	85	57.11.3105	1 MOhm	2% ±25W MF	
R	86	57.11.3105	1 MOhm	2% ±25W MF	
R	87	57.11.3105	1 MOhm	2% ±25W MF	
R	88	57.11.3105	1 MOhm	2% ±25W MF	
R	89	57.11.3105	1 MOhm	2% ±25W MF	
R	90	57.11.3105	1 MOhm	2% ±25W MF	
R	91	57.11.3105	1 MOhm	2% ±25W MF	
R	92	57.11.3105	1 MOhm	2% ±25W MF	
R	93	57.11.3105	1 MOhm	2% ±25W MF	
R	94	57.11.3105	1 MOhm	2% ±25W MF	
R	95	57.11.3105	1 MOhm	2% ±25W MF	
R	96	57.11.3105	1 MOhm	2% ±25W MF	
R	97	57.11.3105	1 MOhm	2% ±25W MF	
R	98	57.11.3105	1 MOhm	2% ±25W MF	
R	99	57.11.3105	1 MOhm	2% ±25W MF	
R	100	57.11.3105	1 MOhm	2% ±25W MF	

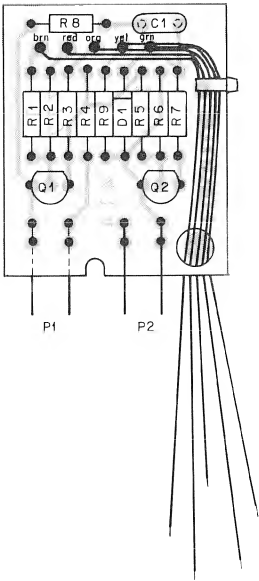
S T H Q 2 4 ( 011 ) 8904010 . ( 40524

## FAST START BOARD 1.777.414.00



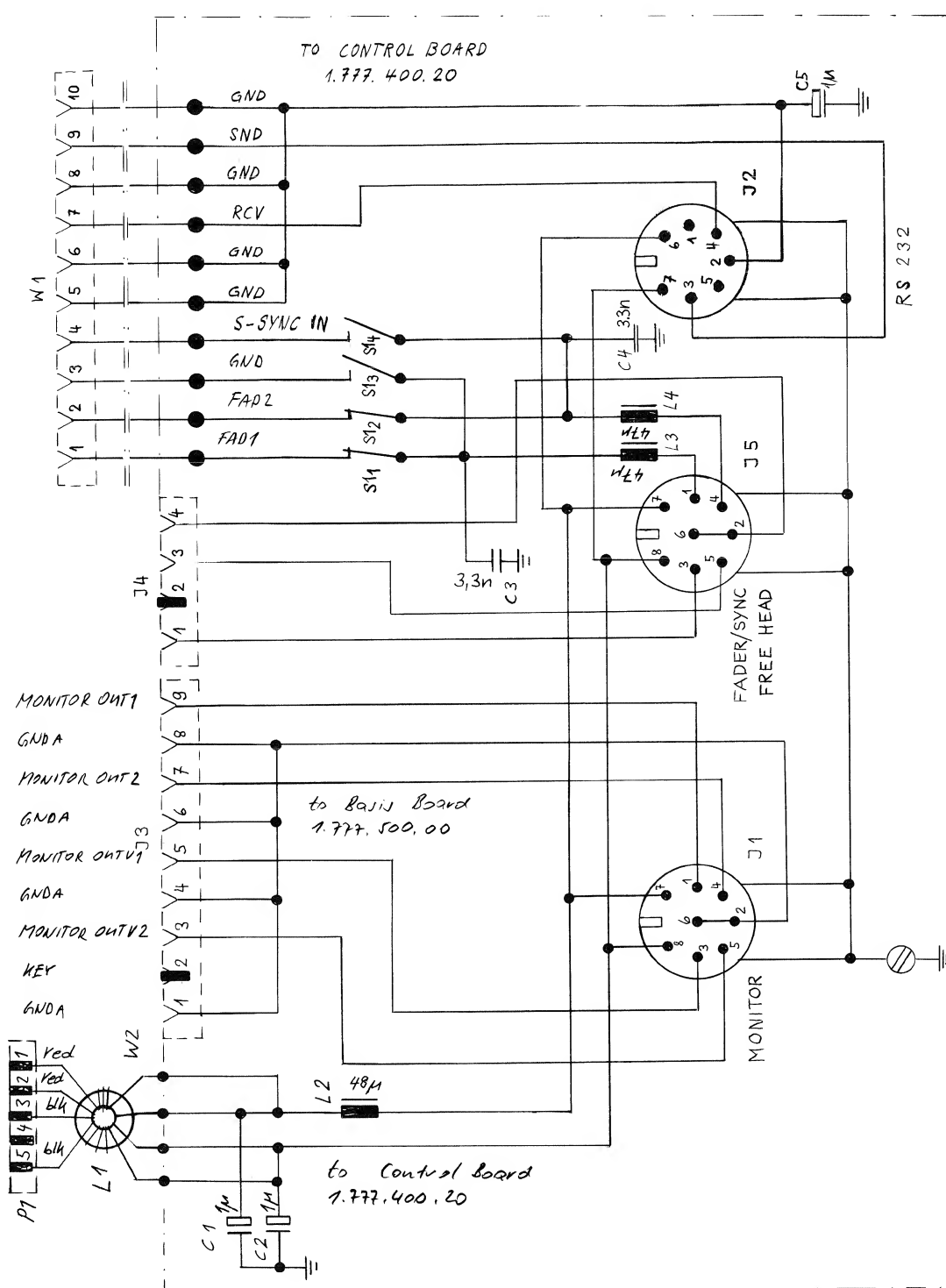
②59.87 8.5M	○ ..	○ ..	○ ..	○ ..
	C 270			PAGE 1 OF 1
STUDER	FAST START BOARD	SC	1.777.414.00	

FAST START BOARD 1.777.414.00



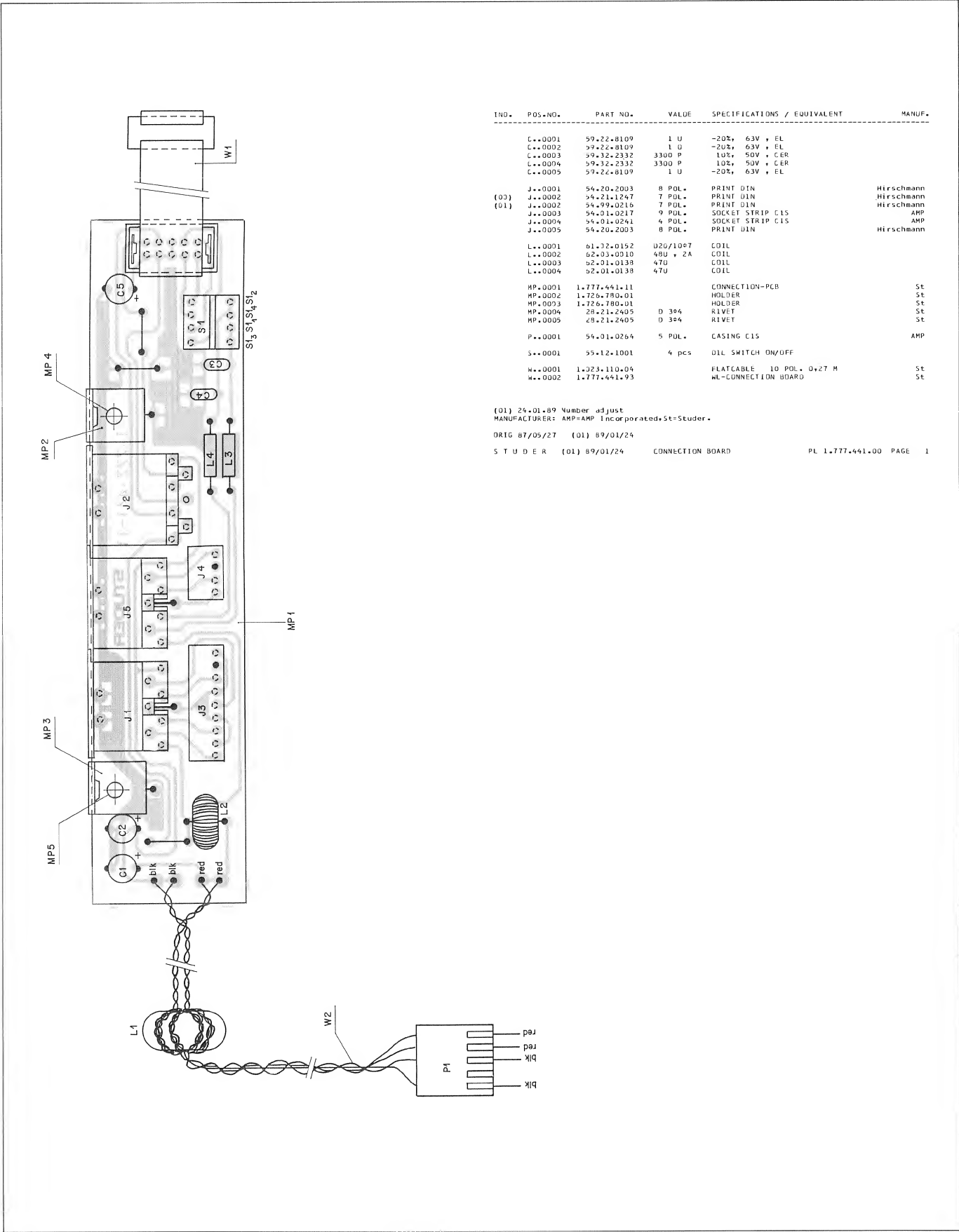
INO.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
	C..0001	59.26.0680	68 U	20%, 6.3V, SAL	
	D..0001	50.04.1112	5.1 V	5%, .40W, Z	
	MP.0001	1.777.414.11		FAST START BOARD	
	P..0001	54.01.0468	2 POL	STRIP CIS ANGLES	
	P..0002	54.01.0468	2 POL	STRIP CIS ANGLES	
	Q..0001	50.03.0340	BC 337-25		
	Q..0002	50.03.0340	BC 337-25		
	R..0001	57.11.4822	8.2 K	2%, 0207, MF	
	R..0002	57.11.4223	22 K	2%, 0207, MF	
	R..0003	57.11.4124	120 K	2%, 0207, MF	
	R..0004	57.11.4563	56 K	2%, 0207, MF	
	R..0005	57.11.4103	10 K	2%, 0207, MF	
	R..0006	57.11.4562	5.6 K	2%, 0207, MF	
	R..0007	57.11.4182	1.8 K	2%, 0207, MF	
	R..0008	57.11.4681	680	2%, 0207, MF	
	R..0009	57.11.4224	220 K	2%, 0207, MF	
	W..0001	1.777.414.93		ML-FAST START BOARD	

CONNECTION BOARD 1.777.441.00



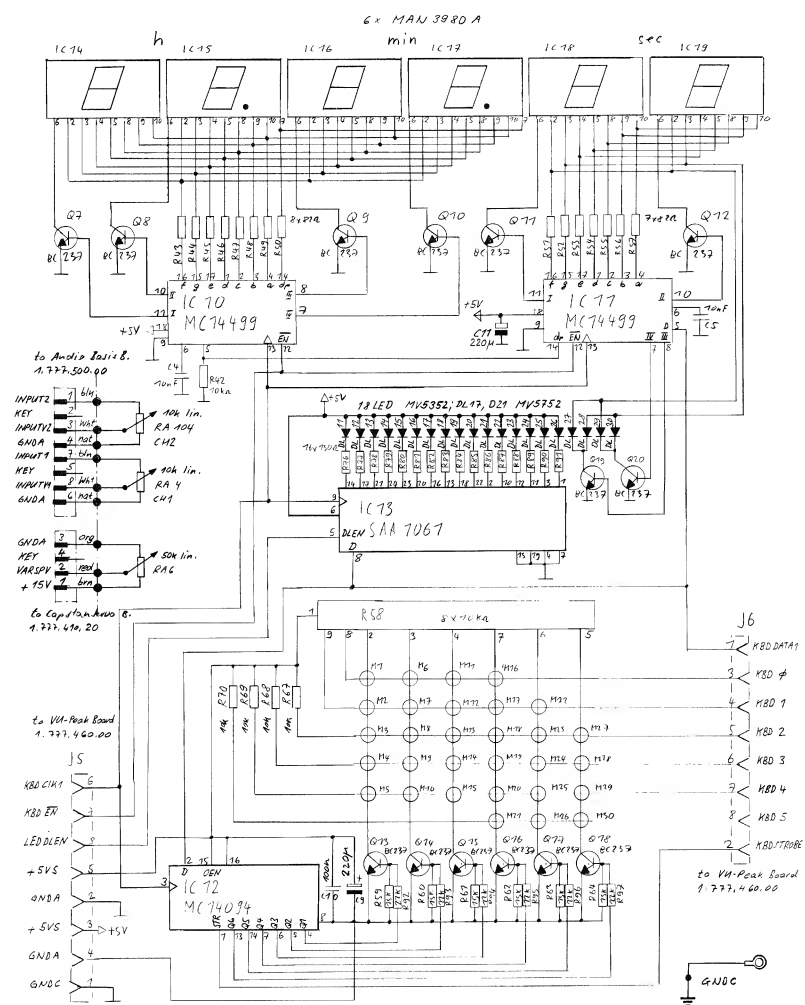
① 1.6.87	JMA	○ ..	○ ..	○ ..	○ ..	PAGE 1 OF 1
STUDER		CONNECTION BOARD			SC	1.777.441.00

CONNECTION BOARD 1.777.441.00





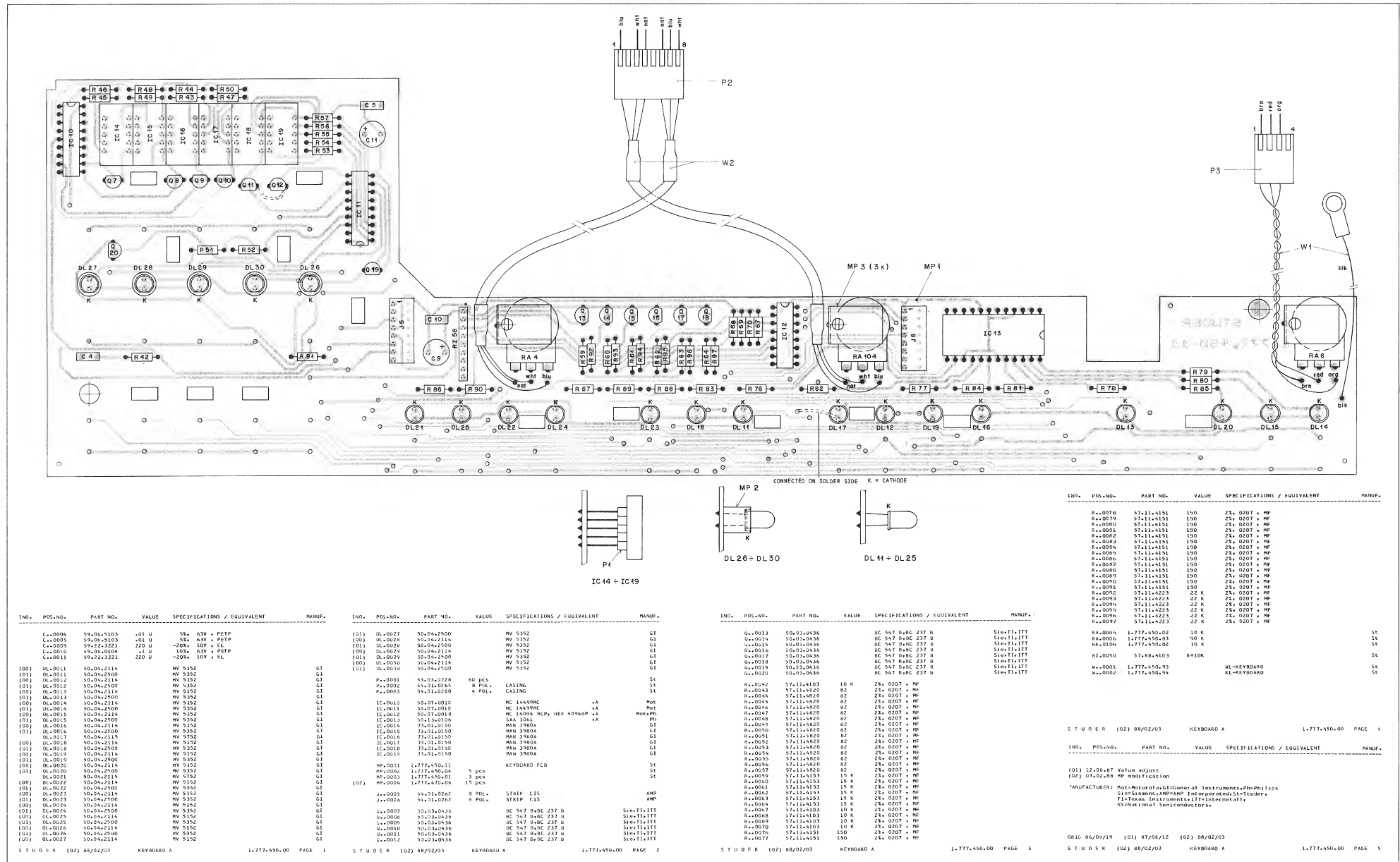
KEYBOARD 1.777.450.00



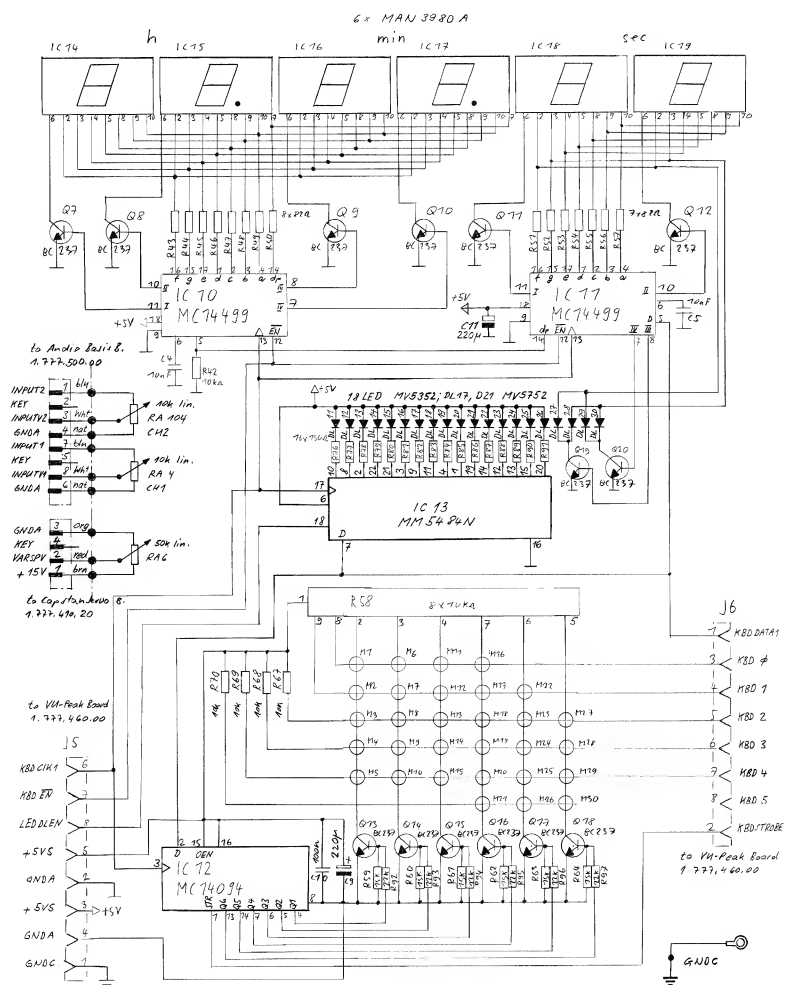
	J6.3	J6.4	J6.5	J6.6	J6.7	J6.8
Q 13	SEL M 1	STEP M 2	TRANS M 3	SEARCH M 4	RESET M 5	
Q 14	Z-LOG M 6 (D 27)	A-LOG M 7 (D 28)	LOOP M 8 (D 29)	T-DUMP M 9 (D 30)	EDIT M 10 (D 26)	
Q 15	<< M 11	>> M 12	PLAY M 13	STOP M 14	REC M 15	
Q 16	READY 1 M 16 (D 21)	INPUT 1 M 17 (D 25)	SYNC 1 M 18 (D 22)	REPRO 1 M 19 (D 24)	MIC M 20 (D 23)	UNCALINP M 21 (D 18)
Q 17		LINE M 22 (D 11)	READY 2 M 23 (D 17)	INPUT 2 M 24 (D 12)	SYNC 2 M 25 (D 19)	REPRO 2 M 26 (D 16)
Q 18			UNCALOUT. M 27 (D 13)	SLOW M 28 (D 20)	FAST M 29 (D 15)	VARISPEED M 30 (D 14)

② 21.1.87 B 凡	① 12.8.87 J. M. E.	○ . .	○ . .	○ . .	PAGE 1 OF 2
	C 270				
STUDER	KEYBOARD	"ESE"	SC	1.777.450.00	

KEYBOARD 1.777.450.00



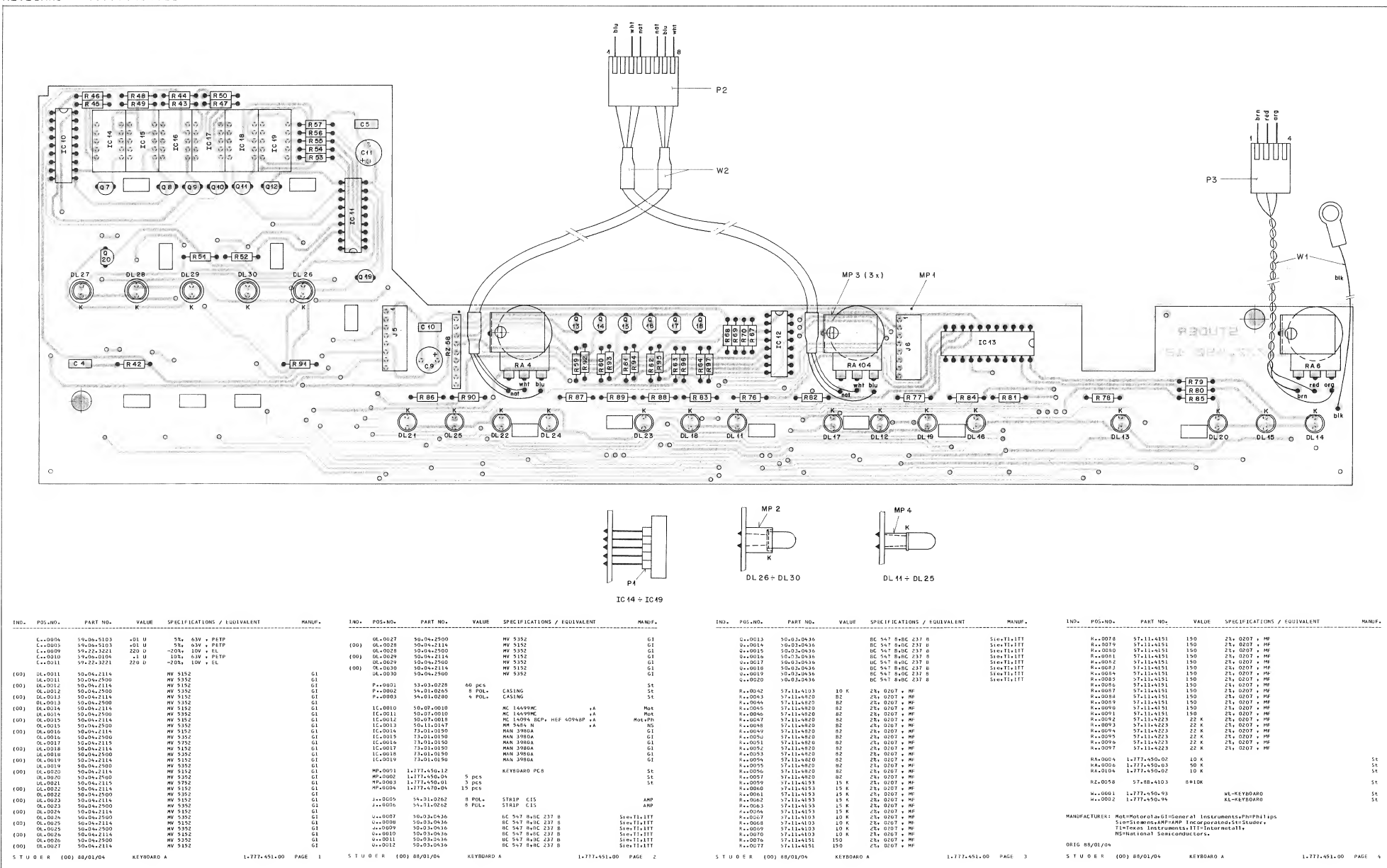
KEYBOARD 1.777.451.00



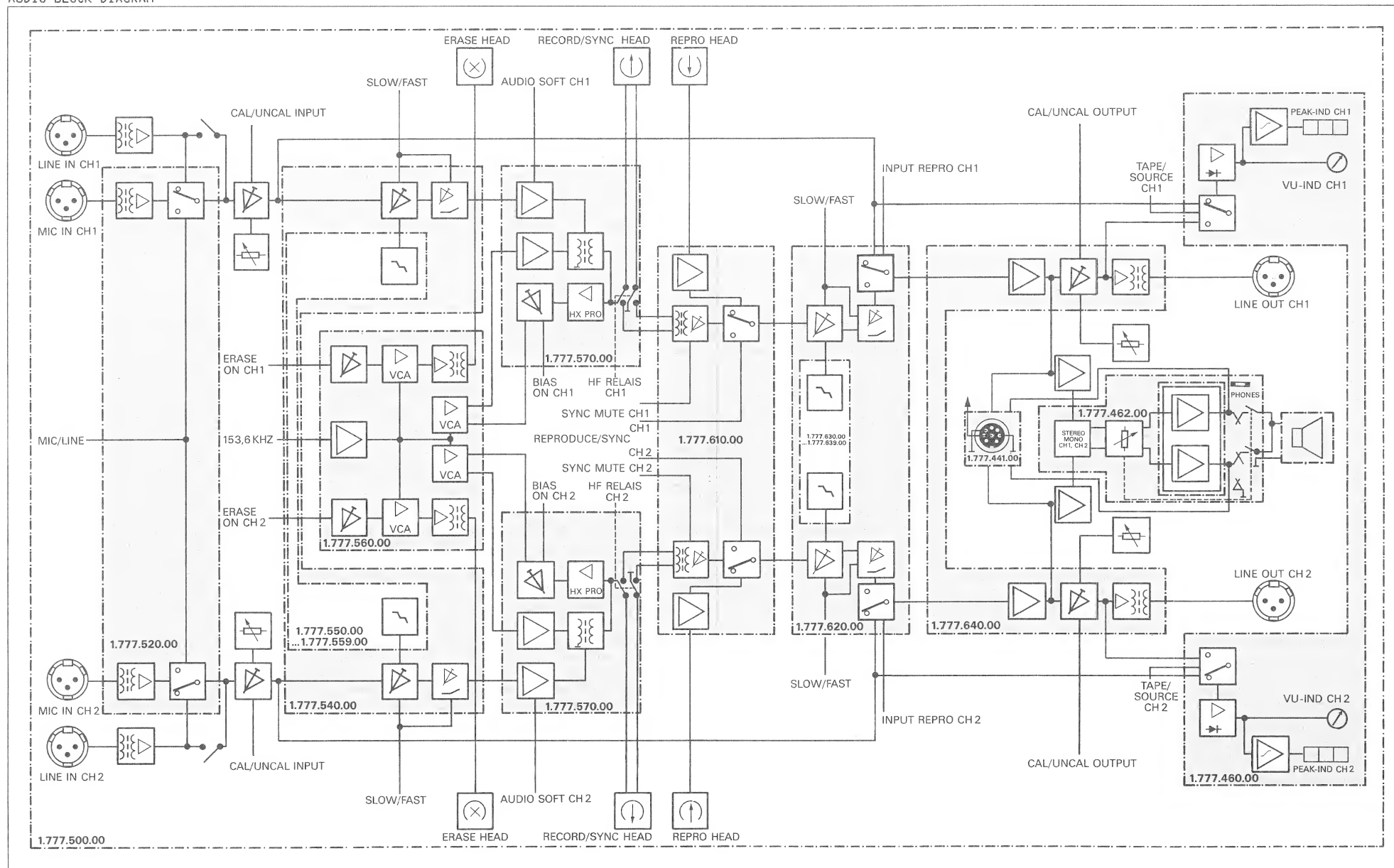
④ 4.1.88	C 270	PAGE 1 OF 2
STUDER	KEYBOARD	"ESE" SC 1.777.451.00



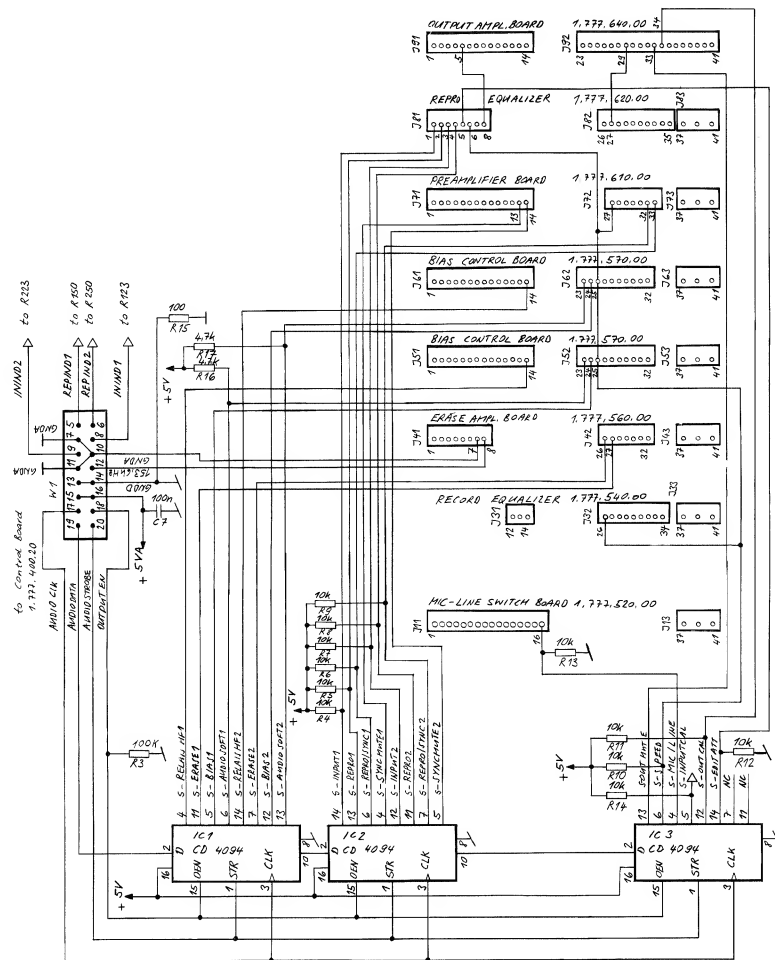
KEYBOARD	1.777.451.00
----------	--------------



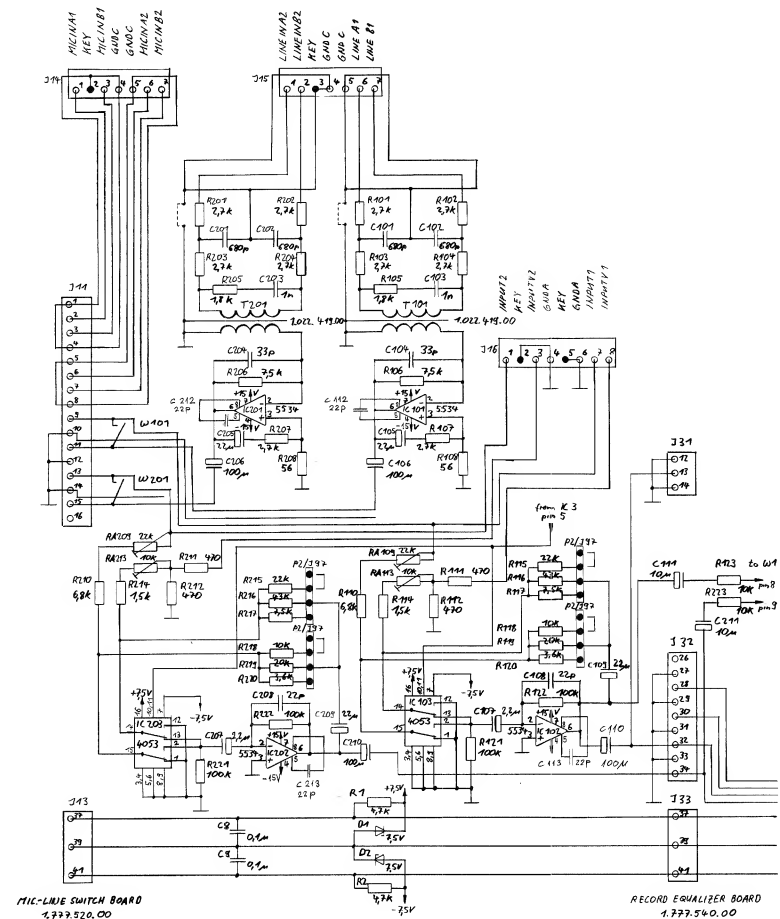
## AUDIO BLOCK DIAGRAM



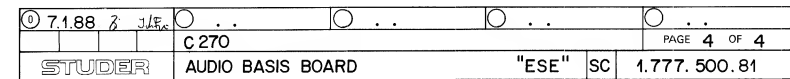
## AUDIO BASIS BOARD 1.777.500.81



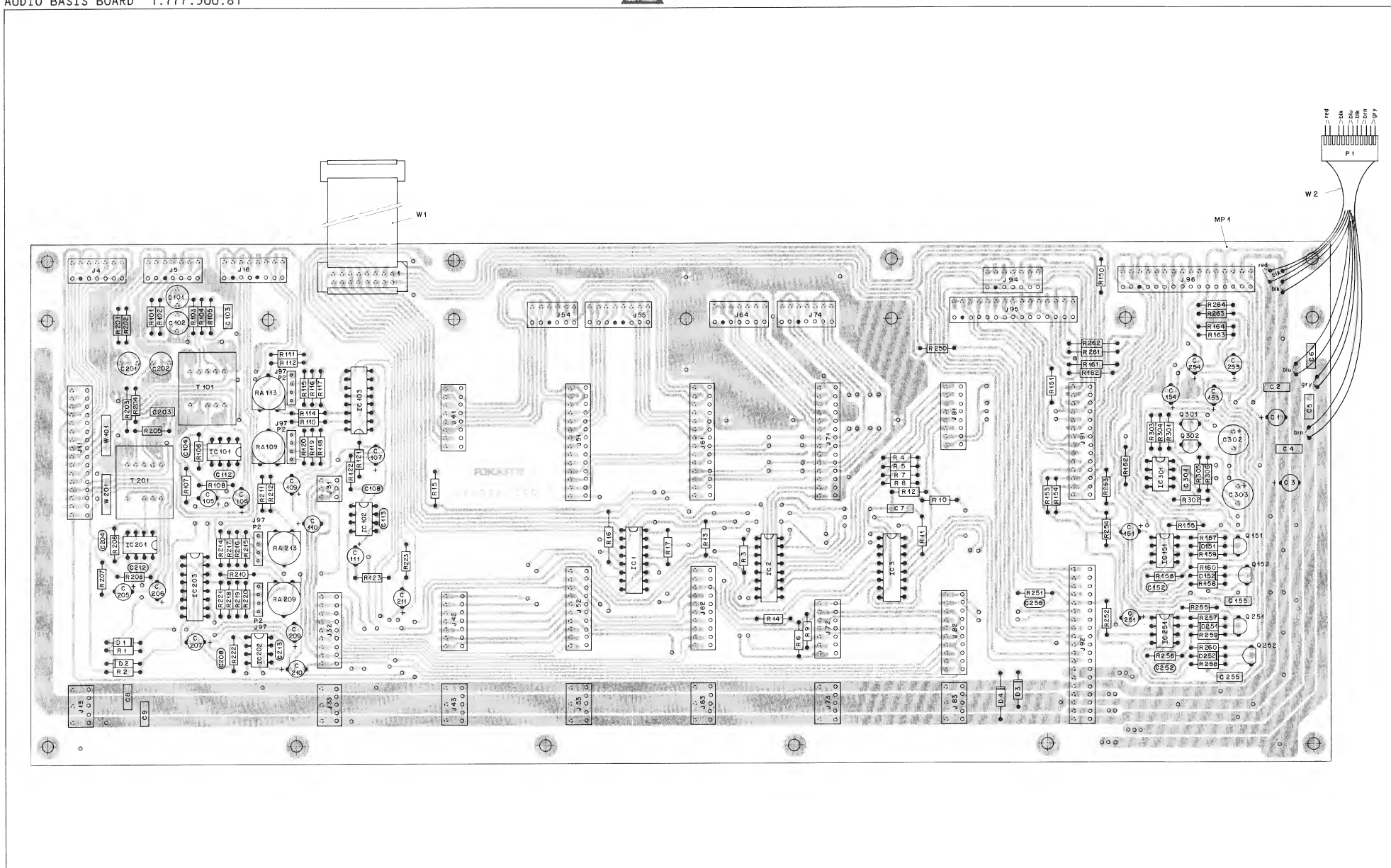
07.1.88	2 JUL 88	...	...	...	...
C270		PAGE 1 OF 4		STUDER	
AUDIO BASIS BOARD		"ESE" SC		1.777.500.81	



07.1.88	2 JUL 88	...	...	...	...
C270		PAGE 2 OF 4		STUDER	
AUDIO BASIS BOARD		"ESE" SC		1.777.500.81	



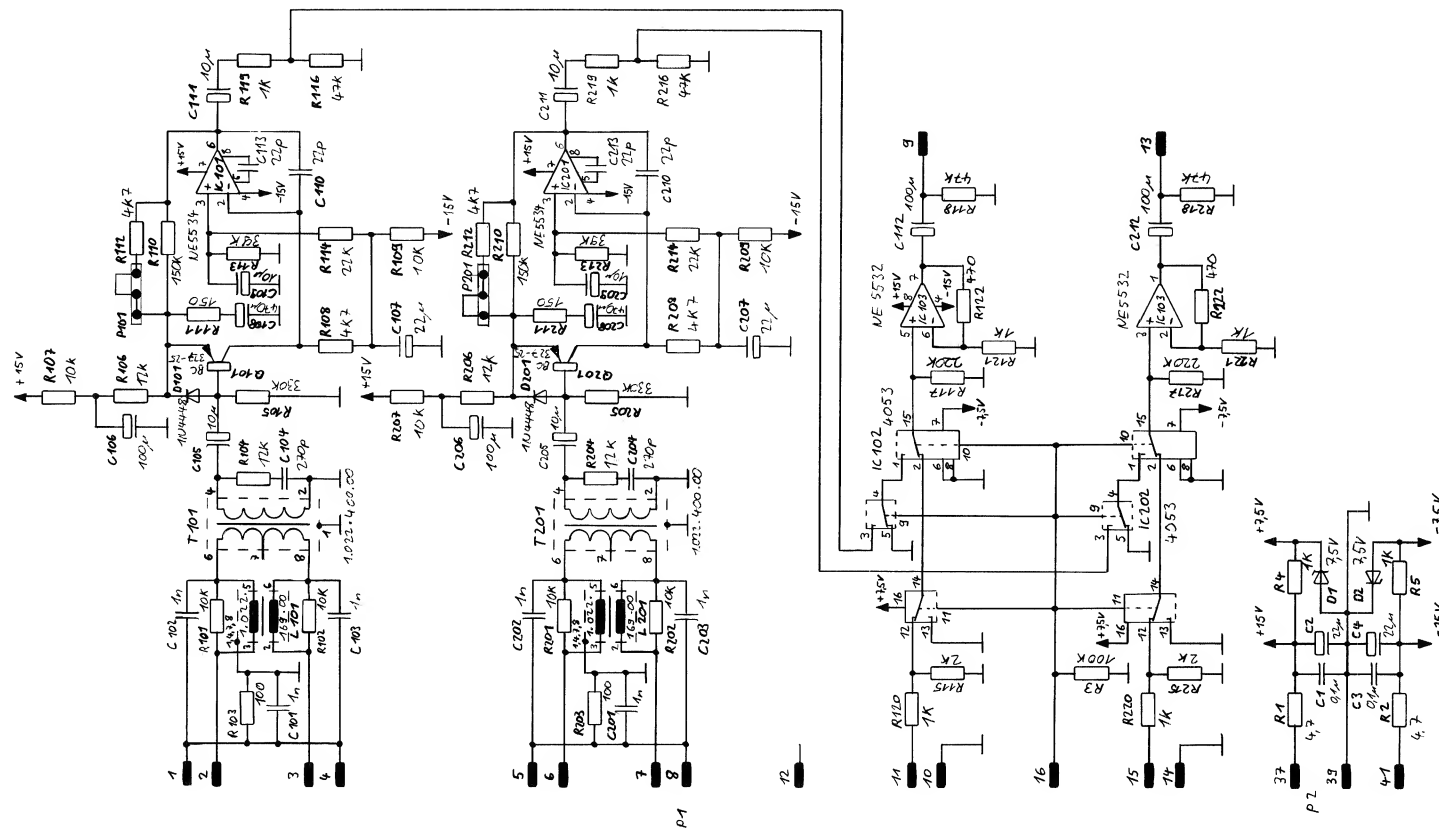
AUDIO BASIS BOARD 1.777.500.81







MIC-LINE-SWITCH BOARD 1.777.520.00



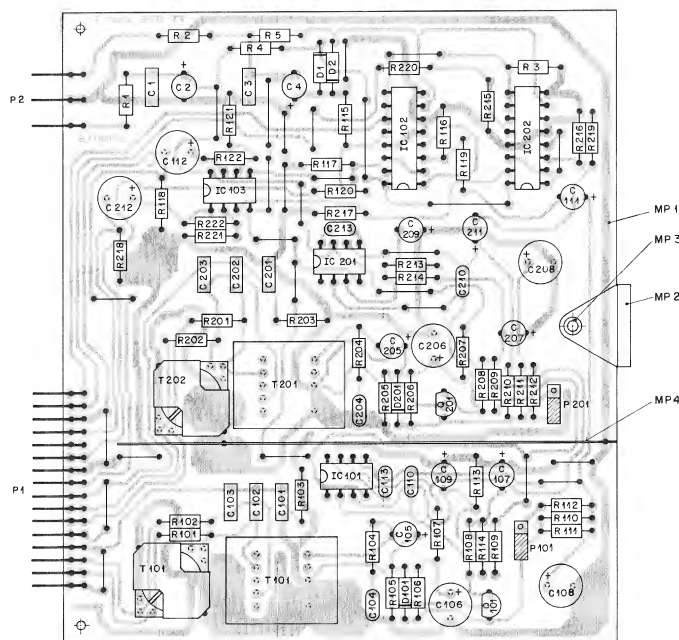


IND.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
	T..0101	1-022-400-00		INPUT TRANSFORMATOR 114	
	T..0051	1-022-400-00		INPUT TRANSFORMATOR 114	

MANUFACTURER: Mot=Motorola NS=National Semiconductors; Ph=Philips  
 Sig=Signetics; St=Stuuder; Ti=Texas Instruments.

ORIG. BA/DW/15

S. I. U. D. E. R. 1001 BA/DW/15 WTC-1 1NE-SWITCH BOARD 1-77Z-520-00 PAGE 4



PNL	PUS NO.	PART NO.	VALUE	SPECIFICATIONS & EQUIVALENT	MATERIAL
IC-0102	50-07-0105			MC 14 0518BCP-0405 RCN.A	
IC-0103	50-09-0103	ME 5532N		MC 15137 - 07	
IC-0104	50-09-0243	ME 5534N		MC 15146 - 07PMB	
IC-0105	50-07-0105			MC 15183BCP-0405 RCN.A	
JA-0101	50-01-0021			JUMPIR	
JA-0101	50-01-0021			JUMPIR	
LC-0101	1-022-16K-20			HY ASTM, COIL	
LC-0101	1-022-16K-20			HY ASTM, COIL	
MP-0001	1.777.522N.11			MIC-LINK SWITCH BOARD	
MP-0002	1.710.001.01.3	02-25.95		TORX-ARRET	
MP-0003	08.21.13.60			SCREW-SHEET METAL	
MP-0004	1.777.522.01				
P-0001	50-01-0276	16 POL.		SERIN C13 ANGLE	
P-0002	50-01-0084	3 PMS		STRAP C13 ANGLE	
P-0101	50-01-0020	3 PCS		PLN H575/3-4 (4-03R.03)	
P-0101	50-01-0020	3 PCS		PLN H575/3-4 (4-03R.03)	
Q-0101	50-03-0351	BC 327-25			
U-0201	50-03-0351	BC 327-25			
R-0001	57.11-1-6479	4.7		2x, 0207 + HF	
R-0002	57.11-1-6479	4.7		2x, 0207 + HF	
R-0003	57.11-1-1010	10 K		2x, 0207 + HF	
R-0004	57.11-1-1010	1 K		2x, 0207 + HF	
R-0005	57.11-1-1002	1 K		2x, 0207 + HF	
R-0101	57.11-1-1010	10 K		2x, 0207 + HF	
R-0102	57.11-1-1003	10 K		2x, 0207 + HF	
R-0103	57.11-1-1010	10 K		2x, 0207 + HF	
R-0104	57.11-1-1213	12		2x, 0207 + HF	
R-0105	57.11-1-1010	10 K		2x, 0207 + HF	
R-0106	57.11-1-1010	10 K		2x, 0207 + HF	
R-0107	57.11-1-1003	10 K		2x, 0207 + HF	

NO.	POS-NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
8.	0-0109	57-11-0103	10 K	2% 0207 MF	
9.	0-0110	57-11-0111	110 K	2% 0207 MF	
10.	0-0111	57-11-0102	1 K	2% 0207 MF	
11.	0-0112	57-11-0302	2 K	2% 0207 MF	
12.	0-0113	57-11-0393	39 K	2% 0207 MF	
13.	0-0114	57-11-0273	22 K	2% 0207 MF	
14.	0-0115	57-11-0302	2 K	1% 0207 MF	
15.	0-0116	57-11-0673	87 K	2% 0207 MF	
16.	0-0117	57-11-0274	220 K	2% 0207 MF	
17.	0-0118	57-11-0102	1 K	2% 0207 MF	
18.	0-0119	57-11-0102	1 K	2% 0207 MF	
19.	0-0120	57-11-0102	1 K	2% 0207 MF	
20.	0-0121	57-11-0102	1 K	2% 0207 MF	
21.	0-0122	57-11-0671	870	2% 0207 MF	
22.	0-0123	57-11-0103	10 K	2% 0207 MF	
23.	0-0124	57-11-0103	10 K	2% 0207 MF	
24.	0-0125	57-11-0103	10 K	2% 0207 MF	
25.	0-0126	57-11-0103	10 K	2% 0207 MF	
26.	0-0127	57-11-0103	10 K	2% 0207 MF	
27.	0-0128	57-11-0103	10 K	2% 0207 MF	
28.	0-0129	57-11-0103	10 K	2% 0207 MF	
29.	0-0130	57-11-0103	10 K	2% 0207 MF	
30.	0-0131	57-11-0103	10 K	2% 0207 MF	
31.	0-0132	57-11-0103	10 K	2% 0207 MF	
32.	0-0133	57-11-0103	10 K	2% 0207 MF	
33.	0-0134	57-11-0103	10 K	2% 0207 MF	
34.	0-0135	57-11-0103	10 K	2% 0207 MF	
35.	0-0136	57-11-0103	10 K	2% 0207 MF	
36.	0-0137	57-11-0103	10 K	2% 0207 MF	
37.	0-0138	57-11-0103	10 K	2% 0207 MF	
38.	0-0139	57-11-0103	10 K	2% 0207 MF	
39.	0-0140	57-11-0103	10 K	2% 0207 MF	
40.	0-0141	57-11-0103	10 K	2% 0207 MF	
41.	0-0142	57-11-0103	10 K	2% 0207 MF	
42.	0-0143	57-11-0103	10 K	2% 0207 MF	
43.	0-0144	57-11-0103	10 K	2% 0207 MF	
44.	0-0145	57-11-0103	10 K	2% 0207 MF	
45.	0-0146	57-11-0103	10 K	2% 0207 MF	
46.	0-0147	57-11-0103	10 K	2% 0207 MF	
47.	0-0148	57-11-0103	10 K	2% 0207 MF	
48.	0-0149	57-11-0103	10 K	2% 0207 MF	
49.	0-0150	57-11-0103	10 K	2% 0207 MF	
50.	0-0151	57-11-0302	2 K	1% 0207 MF	
51.	0-0152	57-11-0674	87 K	2% 0207 MF	
52.	0-0153	57-11-0274	220 K	2% 0207 MF	
53.	0-0154	57-11-0102	1 K	2% 0207 MF	
54.	0-0155	57-11-0102	1 K	2% 0207 MF	
55.	0-0156	57-11-0102	1 K	2% 0207 MF	
56.	0-0157	57-11-0102	1 K	2% 0207 MF	
57.	0-0158	57-11-0673	870	2% 0207 MF	



## Einbauanleitung für die Mikrofonoption C270

Bausatz: 1 Stk. Mikrofonoption Print 1.777.520.00  
2 Stk. Fuehrungsschienen 1.088.300.07

Hilfsmittel: Sechskantschlüssel No.2,5  
Kreuzschraubendreher No.2

### Anleitung:

- Geraet von seiner Stromzufuhr trennen.
- Gehaeuse entfernen durch Loesen der 8 seitlichen IS-Schrauben und der 4 Fussleisten-Befestigungsschrauben.
- Das VU-Meter Panel nach Loesen der 4 IS-Schrauben nach oben klappen.
- Die 2 Drahtbruecken W101 und W201 **(A)** auf dem AUDIO BASIS PRINT oeffnen. Freies Ende nach unten druecken und seitlich aus der Verankerung ausfahren.
- Die 2 Fuehrungsschienen in die vorbereiteten Montageloecher, ganz links, einsetzen und einschnappen lassen.
- Auf Print 1.777.520.00 mit P101 (CH1) und P201 (CH2) **(B)** die Eingangsempfindlichkeit LOW (-70 bis -36 dBu) oder HIGH (-38 bis -8 dBu) waehlen.
- Print 1.777.520.00 in die Steckerleisten J11 und J13 **(C)** des AUDIO BASIS PRINTs 1.777.500.81 einsetzen.
- Auf dem CONTROL PRINT 1.777.400.22 Schalter 6 des DIL-Schalters SZ1 **(D)** auf Position ON stellen (siehe Fig. 2).
- VU-Meter Panel schliessen, Gehaeuse montieren.

Hinweis: Nach diesem Umbau sind keine Einstellarbeiten notwendig.  
Fuer die Anwendung bitte Bedienungsanleitung konsultieren.

## Installation Instructions for the Mic Option Board C270

Kit: 1 Mic Option Board 1.777.520.00  
2 Plastic guide rails 1.088.300.07

Tools: Allen key no.2,5  
Cross head screw driver no.2

### Instructions:

- Disconnect the unit from its power supply.
- Remove the housing after unscrewing the 8 allen key screws to be found 4 on each side and the units feet by loosening 2 cross head screws each.
- Fold up the VU meter panel after loosening the 4 corresponding allen key screws.
- Disconnect the 2 wire bridges W101 and W201 **(A)** to be found on the AUDIO BASIS BOARD. Push the free end downwards and to the side to loosen it from its contact point.
- Install the two plastic guide rails in their foreseen place (all to the left). Make sure that rails snap in properly.
- Select with P101 (CH1) and P201 (CH2) **(B)** on PCB 1.777.520.00 the wanted input sensitivity, LOW (-70 to -36 dBu) or HIGH (-38 to -8 dBu).
- Insert board 1.777.520.00 into the connectors J11 and J13 **(C)** to be found on the AUDIO BASIS BOARD 1.777.500.81.
- Set switch 6 of the DIL switch SZ1 **(D)** to its ON position, to be found on the CONTROL BOARD 1.777.400.22 (see fig. 2).
- Reinstall VU meter panel and housing.

Attention: After this installation no realignment is needed.  
To operate please consult the operating manual.

## Instruction de montage pour l'option microphone C270.

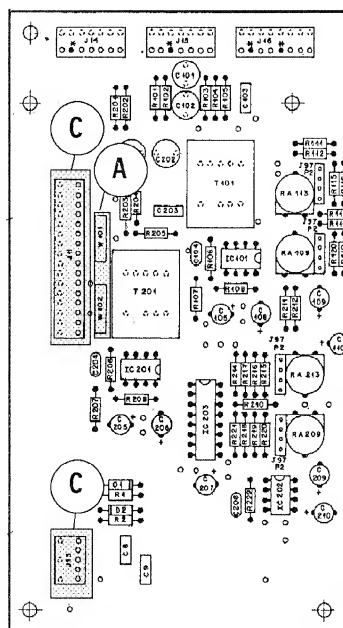
Contenu: 1 carte option microphone 1.777.520.00  
2 glissières de guidage 1.088.300.07

Outils: clé 6-pans No.2.5  
Tourne-vis à croix No.2

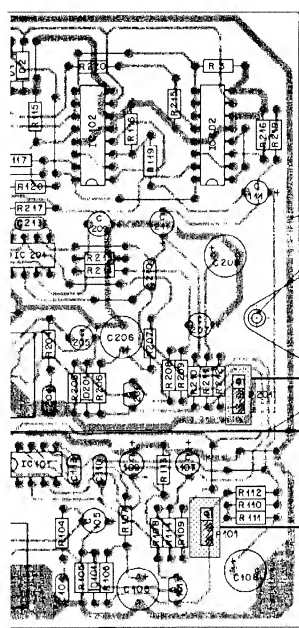
### Instructions:

- retirer la fiche secteur.
- enlever le boîtier après avoir retiré les 8 vis 6-pans latérales ainsi que les 4 vis des pieds.
- ouvrir vers le haut le panneau des VU-mètres après avoir retiré les 4 vis 6-pans.
- ouvrir les 2 contacts W101 et W201 (A) du AUDIO BASIS PRINT: peser sur l'extrémité libre et dégager le contact sur le côté.
- introduire les 2 glissières dans les trous prévus à cet effet, tout à gauche des cartes audio.
- Sur le circuit 1.777.520.00 choisir la sensibilité d'entrée à l'aide de P101 (CH1) et de P201 (CH2) (B). LOW (-70 à -36 dBu) ou HIGH (-38 à -8 dBu).
- introduire la carte 1.777.520.00 dans les contacts J11 et J13 (C) de la carte AUDIO BASIS PRINT 1.777.500.81.
- mettre le 6e contact de l'interrupteur DIL SZ1 (D) en position ON, sur la carte CONTROL PRINT 1.777.400.22.
- refermer le panneau VU-mètres et le boîtier.

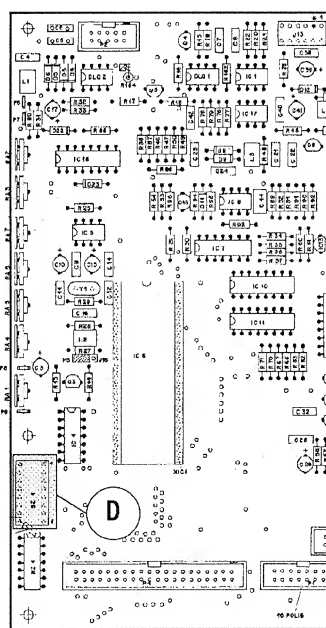
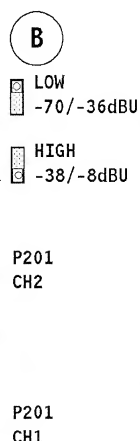
Remarques: - Cette modification ne nécessite pas de réglage de l'appareil. Consulter aussi le mode d'emploi.



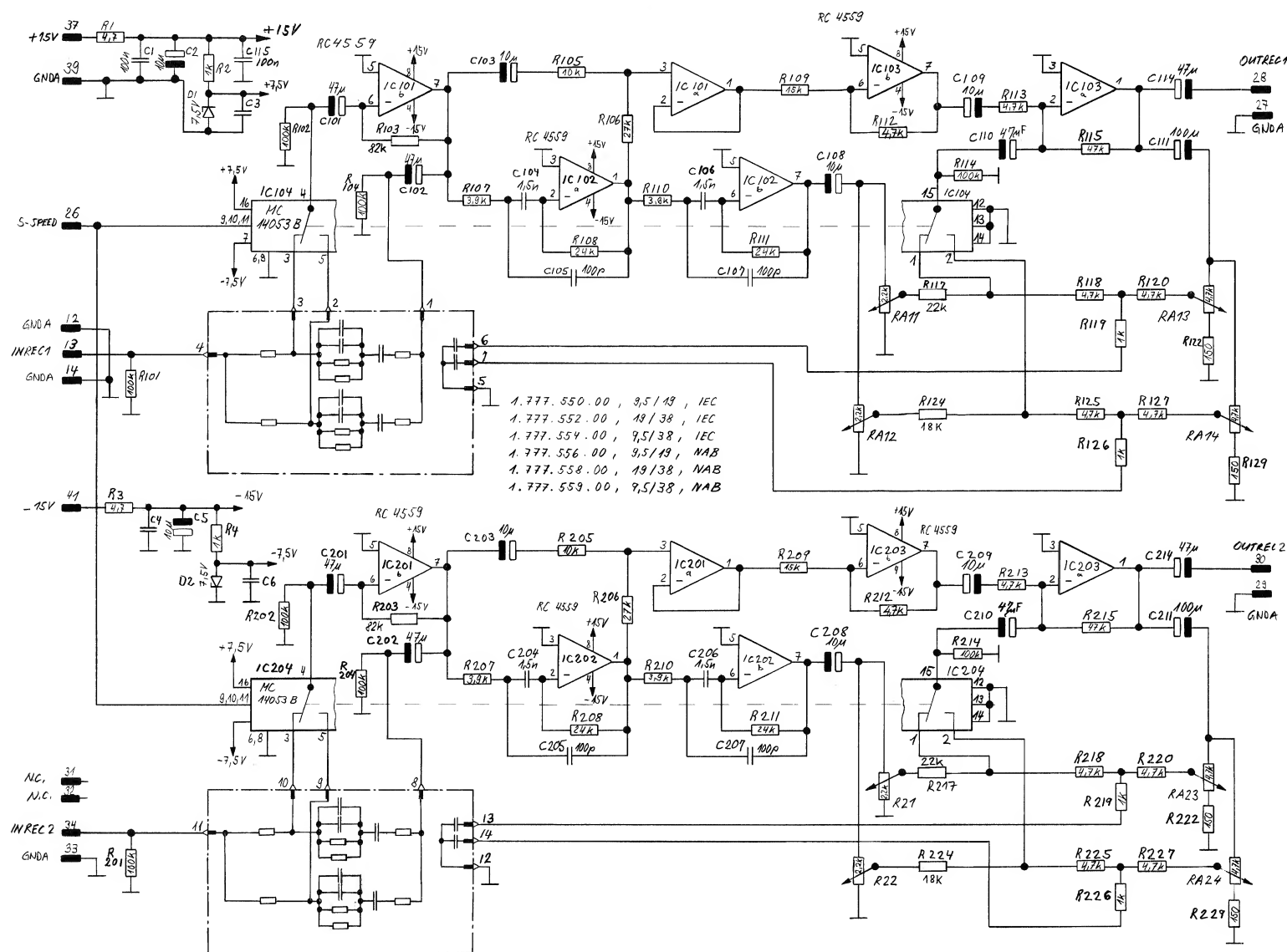
1.777.500.81

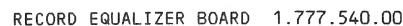


1.777.520.00



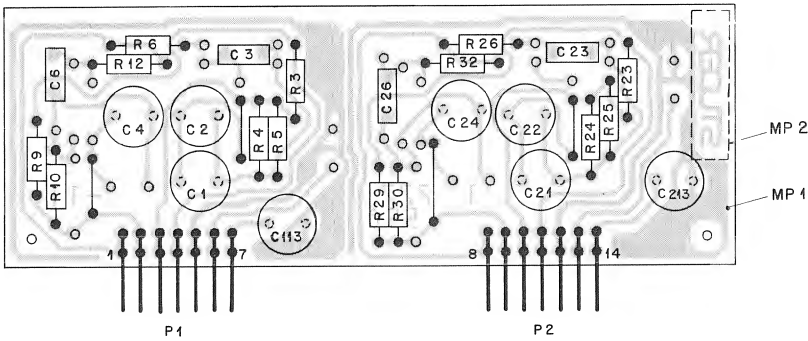
1.777.400.22







RECORD SPEED BOARD 9.5/19 IEC 1.777.550.00



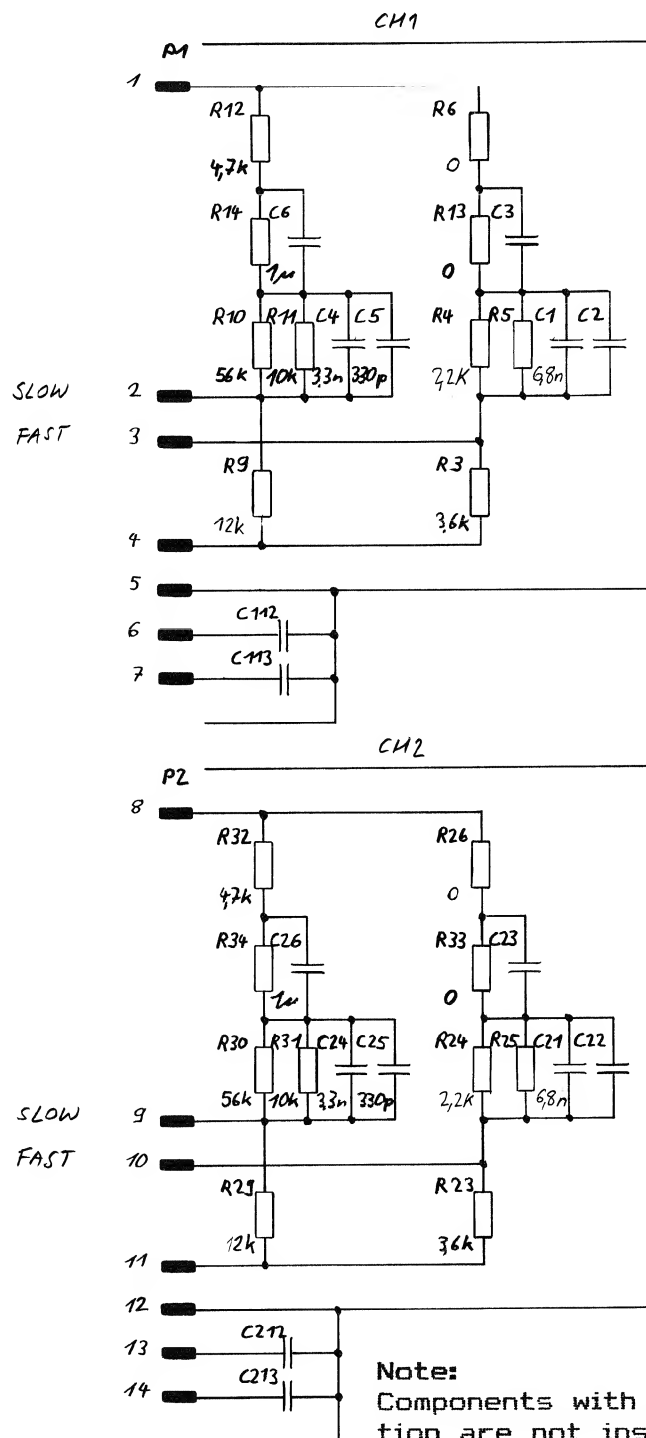
IND.	POS. NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
		C..0001	59.05.2332	3300 P	2.5%, 160V, PP
		C..0002	59.05.2331	330 P	2.5%, 630V, PP
		C..0003	59.05.5105	1 U	5%, 50V, PETP
(00)		L..0004	59.05.2103	.01 U	2.5%, 63V, PP
(01)		C..0006	59.05.2472	4700 P	2.5%, 63V, PP
(01)		L..0005	59.05.2332	3300 P	2.5%, 160V, PP
(01)		L..0005			not connected
(00)		C..0006	59.05.5474	.47 U	5%, 63V, PETP
(01)		C..0006	59.05.5224	.22 U	5%, 63V, PETP
		L..0021	59.05.2332	3300 P	2.5%, 160V, PP
		C..0022	59.05.2331	330 P	2.5%, 630V, PP
		C..0023	59.05.5105	1 U	5%, 50V, PETP
(00)		L..0024	59.05.2103	.01 U	2.5%, 63V, PP
(01)		C..0024	59.05.2472	4700 P	2.5%, 63V, PP
(00)		C..0025	59.05.2332	3300 P	2.5%, 160V, PP
(01)		C..0025			not connected
(00)		C..0026	59.05.5474	.47 U	5%, 63V, PETP
(01)		C..0026	59.05.5224	.22 U	5%, 63V, PETP
(01)		C..0113	59.05.2103	1000 P	2.5%, 630V, PP
(01)		C..0213	59.05.2102	1000 P	2.5%, 630V, PP
		MP.0001	1.777.550.11		RECORD SPEED BOARD PCB LABEL
		MP.0002	1.777.550.01		
		P..0071	54.01.0223	7 PUL.	STRIP C15
		P..0002	54.01.0223	7 PUL.	STRIP C15
		R..0003	57.11.3123	12 K	1%, 0207, MF
		R..0004	57.11.3163	56 K	1%, 0207, MF
		R..0005	57.11.3103	10 K	1%, 0207, MF
(00)		R..0006	57.11.3472	4.7 K	1%, 0207, MF
(01)		R..0009	57.11.3103	10 K	1%, 0207, MF
(02)		R..0009	57.11.4223	22 K	2%, 0207, MF
(00)		R..0010	57.11.3472	4.7 K	1%, 0207, MF
(01)		R..0010	57.11.3103	10 K	1%, 0207, MF
(00)		R..0012	57.11.3222	2.2 K	1%, 0207, MF

IND.	POS. NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
(01)		R..0012	57.11.3102	1 K	1%, 0207, MF
(02)		R..0012	57.11.4472	4.7 K	2%, 0207, MF
		R..0023	57.11.3123	12 K	1%, 0207, MF
		R..0024	57.11.3563	56 K	1%, 0207, MF
		R..0025	57.11.3103	10 K	1%, 0207, MF
		R..0026	57.11.3472	4.7 K	1%, 0207, MF
(03)		R..0029	57.11.3103	10 K	1%, 0207, MF
(01)		R..0029	57.11.3183	18 K	1%, 0207, MF
(02)		R..0029	57.11.4223	22 K	2%, 0207, MF
(00)		R..0030	57.11.3472	4.7 K	1%, 0207, MF
(01)		R..0030	57.11.3103	10 K	1%, 0207, MF
(03)		R..0032	57.11.3222	2.2 K	1%, 0207, MF
(01)		R..0032	57.11.3102	1 K	1%, 0207, MF
(02)		R..0032	57.11.4472	4.7 K	2%, 0207, MF

(01) 15.09.87 Value adjust  
(02) 03.02.88 Value adjust

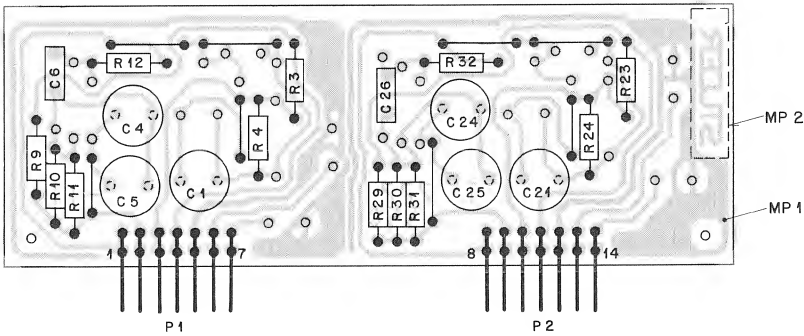
DRG 86/09/15 (01) 87/09/15 (02) 88/02/03

RECORD SPEED BOARD 19/38 IEC 1.777.552.00



① 232.8727 EN	① 17.7.87 J. U. H. EN	② 15.09.87 E. Zimmermann	○ . .	○ . .
	C270			PAGE 1 OF 1
STUDER	RECORD SPEED B.19/38 IEC (7,5/15)	SC	1.777.552.00	

RECORD SPEED BOARD 19/38 IEC 1.777.552.00

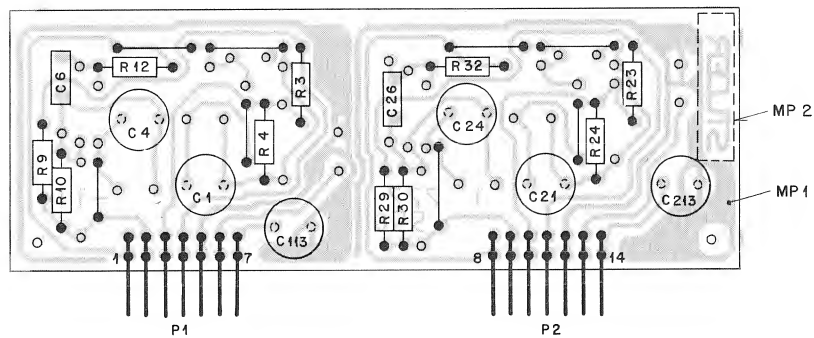


IND.	POS. NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.	IND.	POS. NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
(00)	C..0001	59.05.2222	2200 P	2.5%, 160V, PP		(01)	K..0029	57.11.3123	12 K	1%, 0207, MF	
(02)	C..0001	59.05.2682	6800 P	2.5%, 63V, PP			R..0030	57.11.3563	56 K	1%, 0207, MF	
	C..0004	59.05.2332	3300 P	2.5%, 160V, PP			R..0031	57.11.3103	10 K	1%, 0207, MF	
	C..0005	59.05.2331	330 P	2.5%, 630V, PP			R..0032	57.11.3472	4.7 K	1%, 0207, MF	
	C..0006	59.06.5105	1 U	5%, 50V, PETP							
(00)	C..0021	59.05.2222	2200 P	2.5%, 160V, PP							
(02)	C..0021	59.05.2682	6800 P	2.5%, 63V, PP							
	C..0024	59.05.2332	3300 P	2.5%, 160V, PP							
	C..0025	59.05.2331	330 P	2.5%, 630V, PP							
	C..0026	59.06.5105	1 U	5%, 50V, PETP							
	MP.0001	1.777.550.11		RECORD SPEED BOARD PCB							
	MP.0002	1.777.552.01		LABEL							
	P..0001	54.01.0223	7 POL.	STRIP CIS							
	P..0002	54.01.0223	7 POL.	STRIP CIS							
	R..0003	57.11.3362	3.6 K	1%, 0207, MF							
(00)	R..0004	57.11.3392	3.9 K	1%, 0207, MF							
(02)	R..0004	57.11.3222	2.2 K	1%, 0207, MF							
(00)	R..0005	57.11.3472	4.7 K	1%, 0207, MF							
(02)	R..0005			not connected							
(00)	R..0006	57.11.3101	100	1%, 0207, MF							
(02)	R..0006	1.010.324.64	0	WIRING BRIDGE							
(00)	R..0009	57.11.3822	8.2 K	1%, 0207, MF							
(01)	R..0009	57.11.3123	12 K	1%, 0207, MF							
	R..0010	57.11.3563	56 K	1%, 0207, MF							
	R..0011	57.11.3103	10 K	1%, 0207, MF							
	R..0012	57.11.3472	4.7 K	1%, 0207, MF							
	R..0023	57.11.3362	3.6 K	1%, 0207, MF							
(00)	R..0024	57.11.3392	3.9 K	1%, 0207, MF							
(02)	R..0024	57.11.3222	2.2 K	1%, 0207, MF							
(00)	R..0025	57.11.3472	4.7 K	1%, 0207, MF							
(02)	R..0025			not connected							
(00)	R..0026	57.11.3101	100	1%, 0207, MF							
(02)	R..0026	1.010.324.64	0	WIRING BRIDGE							
(00)	R..0029	57.11.3822	8.2 K	1%, 0207, MF							
S T U D E R (02) 87/09/15 RECORD SPEED BOARD 19/38 IEC 1.777.552.00 PAGE 1						S T U D E R (02) 87/09/15 RECORD SPEED BOARD 19/38 IEC 1.777.552.00 PAGE 2					





RECORD SPEED BOARD 9.5/38 IEC 1.777.554.00

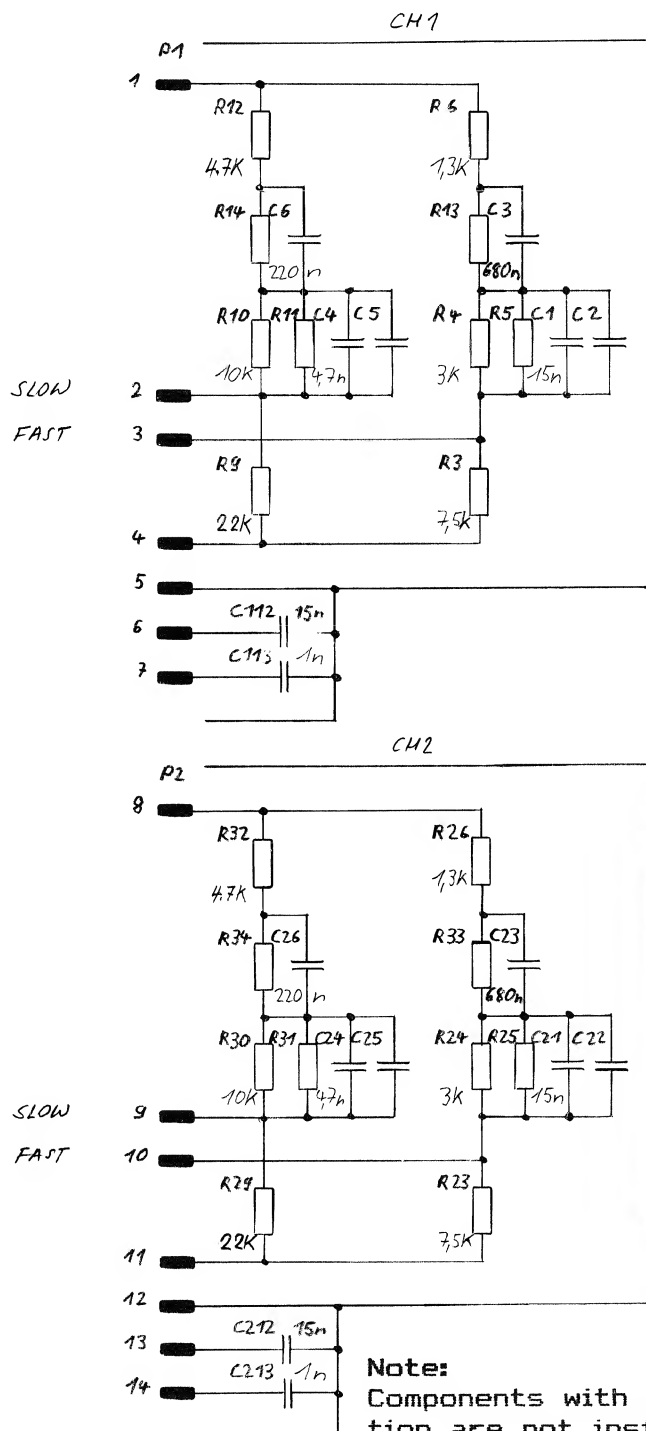


IND.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
(00)	C..0001	59.05.2222	2200 P	2.5% 160V PP	
(01)	C..0001	59.05.2682	6800 P	2.5% 63V PP	
(00)	C..0004	59.05.2103	.01 U	2.5% 63V PP	
(01)	C..0004	59.05.2472	4700 P	2.5% 63V PP	
(00)	C..0005	59.05.2332	3300 P	2.5% 160V PP	
(01)	C..0005			not connected	
(00)	C..0006	59.06.5474	.47 U	5% 63V PETP	
(01)	C..0006	59.06.5224	.22 U	5% 63V PETP	
(00)	C..0021	59.05.2222	2200 P	2.5% 160V PP	
(01)	C..0021	59.05.2682	6800 P	2.5% 63V PP	
(00)	C..0024	59.05.2103	.01 U	2.5% 63V PP	
(01)	C..0024	59.05.2472	4700 P	2.5% 63V PP	
(00)	C..0025	59.05.2332	3300 P	2.5% 160V PP	
(01)	C..0025			not connected	
(00)	C..0026	59.06.5474	.47 U	5% 63V PETP	
(01)	C..0026	59.06.5224	.22 U	5% 63V PETP	
(01)	C..0113	59.05.2102	1000 P	2.5% 630V PP	
(01)	C..0213	59.05.2102	1000 P	2.5% 630V PP	
	MP..0001	1.777.550.11		RECORD SPEED BOARD PCB	
	MP..0002	1.777.554.01		LABEL	
	P..0001	54.01.0223	7 PUL.	STRIP CIS	
	P..0002	54.01.0223	7 PUL.	STRIP CIS	
	R..0003	57.11.3362	3.6 K	1% 0207 MF	
(00)	R..0004	57.11.3392	3.9 K	1% 0207 MF	
(01)	R..0004	57.11.3222	2.2 K	1% 0207 MF	
(00)	R..0005	57.11.3472	4.7 K	1% 0207 MF	
(01)	R..0005			not connected	
(00)	R..0006	57.11.3101	100	1% 0207 MF	
(01)	R..0006	57.11.3101		not connected	
(00)	R..0009	57.11.3103	10 K	1% 0207 MF	
(01)	R..0009	57.11.3183	18 K	1% 0207 MF	
(02)	R..0009	57.11.4223	22 K	2% 0207 MF	
(00)	R..0010	57.11.3472	4.7 K	1% 0207 MF	
(01)	R..0010	57.11.3103	10 K	1% 0207 MF	

IND.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
(00)	R..0012	57.11.3222	2.2 K	1% 0207 MF	
(01)	R..0012	57.11.3102	1 K	1% 0207 MF	
(02)	R..0012	57.11.4472	4.7 K	2% 0207 MF	
(00)	R..0023	57.11.3362	3.6 K	1% 0207 MF	
(01)	R..0024	57.11.3392	3.9 K	1% 0207 MF	
(01)	R..0024	57.11.3222	2.2 K	1% 0207 MF	
(00)	R..0025	57.11.3472	4.7 K	1% 0207 MF	
(01)	R..0025			not connected	
(00)	R..0026	57.11.3101	100	1% 0207 MF	
(01)	R..0026	57.11.3101		not connected	
(00)	R..0029	57.11.3103	10 K	1% 0207 MF	
(01)	R..0029	57.11.3183	18 K	1% 0207 MF	
(02)	R..0029	57.11.4223	22 K	2% 0207 MF	
(00)	R..0030	57.11.3472	4.7 K	1% 0207 MF	
(01)	R..0030	57.11.3103	10 K	1% 0207 MF	
(00)	R..0032	57.11.3222	2.2 K	1% 0207 MF	
(01)	R..0032	57.11.3102	1 K	1% 0207 MF	
(02)	R..0032	57.11.4472	4.7 K	2% 0207 MF	

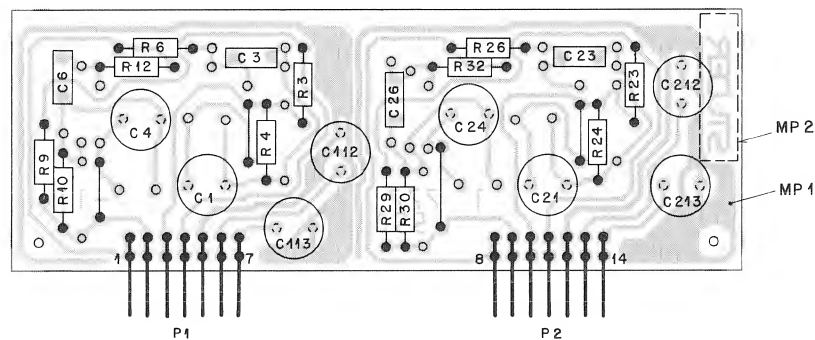
(01) 15.09.87 Value adjust		
(02) 03.02.88 Value adjust		
OR16 86/09/15	(01) 87/09/15	(02) 88/02/03

RECORD SPEED BOARD 9.5/19 NAB 1.777.556.00



② 23.2.87	① 15.03.87	② 03.02.88	...	...
C270				PAGE 1 OF 1
STUDER	RECORD SPEED B.9.5/19 NAB(3,75 / 7,5) SC			1.777.556.00

RECORD SPEED BOARD 9.5/19 NAB 1.777.556.00

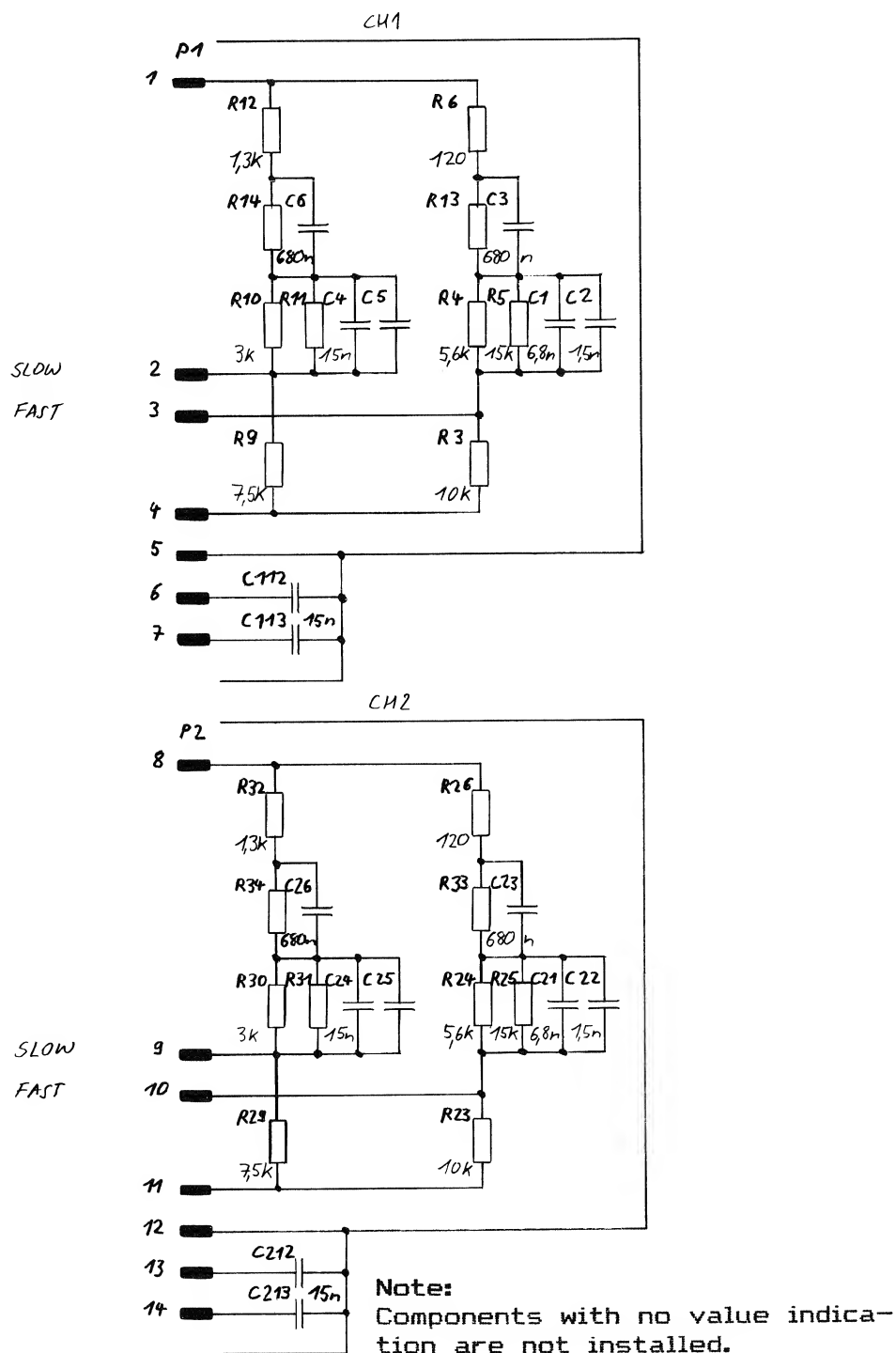


IND.	POS. NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.	IND.	POS. NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
(00)	C..0001	59.05.2682	6800 P	2.5%, 63V, PP		(00)	R..0004	57.11.3332	3.3 K	1%, 0207, MF	
(01)	C..0001	59.05.2153	+015 U	2.5%, 63V, PP		(01)	R..0004	57.11.3302	3 K	1%, 0207, MF	
(00)	C..0002	59.05.2682	6800 P	2.5%, 63V, PP		(00)	R..0006	57.11.3152	1.5 K	1%, 0207, MF	
(01)	C..0002			not connected		(01)	R..0006	57.11.3132	1.3 K	1%, 0207, MF	
(00)	C..0003	59.06.5684	+68 U	5%, 50V, PETP		(00)	R..0009	57.11.3103	10 K	1%, 0207, MF	
(00)	C..0004	59.05.2103	+01 U	2.5%, 63V, PP		(01)	R..0009	57.11.3183	18 K	1%, 0207, MF	
(01)	C..0004	59.05.2472	4700 P	2.5%, 63V, PP		(02)	R..0009	57.11.4223	22 K	2%, 0207, MF	
(00)	C..0005	59.05.2332	3300 P	2.5%, 160V, PP		(00)	R..0010	57.11.3472	4.7 K	1%, 0207, MF	
(01)	C..0005			not connected		(01)	R..0010	57.11.3103	10 K	1%, 0207, MF	
(00)	C..0006	59.06.5474	+47 U	5%, 63V, PETP		(01)	R..0012	57.11.3222	2.2 K	1%, 0207, MF	
(01)	C..0006	59.06.5224	+22 U	5%, 63V, PETP		(01)	R..0012	57.11.3102	1 K	1%, 0207, MF	
(00)	C..0021	59.05.2682	6800 P	2.5%, 63V, PP		(02)	R..0012	57.11.4472	4.7 K	2%, 0207, MF	
(01)	C..0021	59.05.2153	+015 U	2.5%, 63V, PP		(00)	R..0023	57.11.3822	8.2 K	1%, 0207, MF	
(00)	C..0022	59.05.2682	6800 P	2.5%, 63V, PP		(01)	R..0023	57.11.3752	7.5 K	1%, 0207, MF	
(01)	C..0022			not connected		(00)	R..0024	57.11.3332	3.3 K	1%, 0207, MF	
(00)	C..0023	59.06.5684	+68 U	5%, 50V, PETP		(01)	R..0024	57.11.3302	3 K	1%, 0207, MF	
(00)	C..0024	59.05.2103	+01 U	2.5%, 63V, PP		(00)	R..0026	57.11.3152	1.5 K	1%, 0207, MF	
(01)	C..0024	59.05.2472	4700 P	2.5%, 63V, PP		(01)	R..0026	57.11.3132	1.3 K	1%, 0207, MF	
(00)	C..0025	59.05.2332	3300 P	2.5%, 160V, PP		(00)	R..0029	57.11.3103	10 K	1%, 0207, MF	
(01)	C..0025			not connected		(01)	R..0029	57.11.3183	18 K	1%, 0207, MF	
(00)	C..0026	59.06.5474	+47 U	5%, 63V, PETP		(02)	R..0029	57.11.4223	22 K	2%, 0207, MF	
(01)	C..0026	59.06.5224	+22 U	5%, 63V, PETP		(00)	R..0030	57.11.3472	4.7 K	1%, 0207, MF	
(00)	C..0112	59.05.2153	+015 U	2.5%, 63V, PP		(01)	R..0030	57.11.3103	10 K	1%, 0207, MF	
(00)	C..0113	59.05.2153	+015 U	2.5%, 63V, PP		(00)	R..0032	57.11.3222	2.2 K	1%, 0207, MF	
(01)	C..0113	59.05.2102	1000 P	2.5%, 630V, PP		(01)	R..0032	57.11.3102	1 K	1%, 0207, MF	
(00)	C..0212	59.05.2153	+015 U	2.5%, 63V, PP		(02)	R..0032	57.11.4472	4.7 K	2%, 0207, MF	
(00)	C..0213	59.05.2153	+015 U	2.5%, 63V, PP							
(01)	C..0213	59.05.2102	1000 P	2.5%, 630V, PP							
MP..0001 1.777.550.11 RECORD SPEED BOARD PCB											
MP..0002 1.777.556.01 LABEL											
P..0001 54.01.0223 7 POL. STRIP C15						(01) 15.09.67 Value adjust					
P..0002 54.01.0223 7 POL. STRIP C15						(02) 03.02.68 Value adjust					
(00)	R..0003	57.11.3822	8.2 K	1%, 0207, MF		ORIG 86/09/16 (01) 87/09/15 (02) 88/02/03					
(01)	R..0003	57.11.3752	7.5 K	1%, 0207, MF							

S T U D E R (02) 88/02/03 RECORD SPEED BOARD 9.5/19 NAB 1.777.556.00 PAGE 1

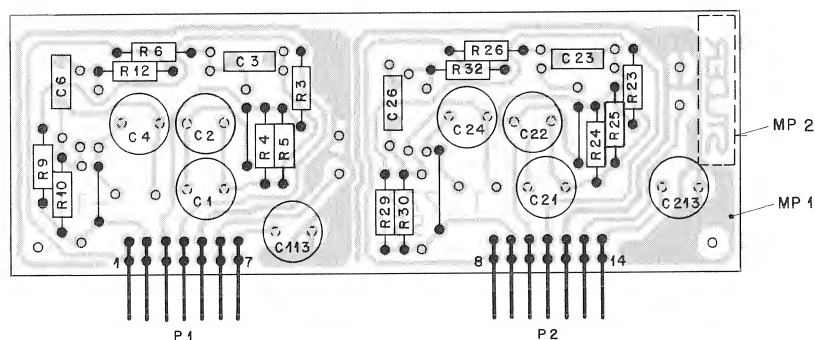
S T U D E R (02) 88/02/03 RECORD SPEED BOARD 9.5/19 NAB 1.777.556.00 PAGE 2

RECORD SPEED BOARD 19/38 NAB 1.777.558.00



② 23.2.872, FyA	① 15.09.87 E. Kimmann	○ ..	○ ..	○ ..
	C270			PAGE 1 OF 1
STUDER	RECORD SPEED B. 19/38 NAB (7,5 / 15)	SC	1.777.558.00	

RECORD SPEED BOARD 19/38 NAB 1.777.558.00



IND.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
(00)	C..0001	59.05.2103	.01 U	2.5% 63V PP	
(01)	C..0001	59.05.2682	6800 P	2.5% 63V PP	
(01)	C..0002	59.05.2152	1500 P	2.5% 160V PP	
(00)	C..0003	59.06.5105	1 U	5% 50V PETP	
(01)	C..0003	59.06.5684	.68 U	5% 50V PETP	
(00)	C..0004	59.05.2682	6800 P	2.5% 63V PP	
(01)	C..0004	59.05.2153	.015 U	2.5% 63V PP	
(00)	C..0005	59.05.2682	6800 P	2.5% 63V PP	
(01)	C..0005			not connected	
(00)	C..0006	59.06.5684	.68 U	5% 50V PETP	
(01)	C..0021	59.05.2103	.01 U	2.5% 63V PP	
(01)	C..0021	59.05.2682	6800 P	2.5% 63V PP	
(01)	C..0022	59.05.2152	1500 P	2.5% 160V PP	
(00)	C..0023	59.06.5105	1 U	5% 50V PETP	
(01)	C..0023	59.06.5684	.68 U	5% 50V PETP	
(00)	C..0024	59.05.2682	6800 P	2.5% 63V PP	
(01)	C..0024	59.05.2153	.015 U	2.5% 63V PP	
(00)	C..0025	59.05.2682	6800 P	2.5% 63V PP	
(01)	C..0025			not connected	
(00)	C..0026	59.06.5684	.68 U	5% 50V PETP	
(01)	C..0113	59.05.2153	.015 U	2.5% 63V PP	
(01)	C..0213	59.05.2153	.015 U	2.5% 63V PP	
	MP.0001	1.777.550.11		RECORD SPEED BOARD PCB	
	MP.0002	1.777.558.01		LABEL	
	P..0001	94.01.0223	7 PUL.	STRIP C15	
	P..0002	94.01.0223	7 PUL.	STRIP C15	
(00)	R..0003	57.11.3822	8.2 K	1% 0207 MF	
(01)	R..0003	57.11.3103	10 K	1% 0207 MF	
(00)	R..0004	57.11.3332	3.3 K	1% 0207 MF	
(01)	R..0004	57.11.3562	5.6 K	1% 0207 MF	
(01)	R..0005	57.11.3153	15 K	1% 0207 MF	
(00)	R..0006	57.11.3101	100	1% 0207 MF	
(01)	R..0006	57.11.3121	120	1% 0207 MF	
(00)	R..0009	57.11.3822	8.2 K	1% 0207 MF	

S T U D E R (01) 87/09/15 RECORD SPEED BOARD 19/38 NAB 1.777.558.00 PAGE 1

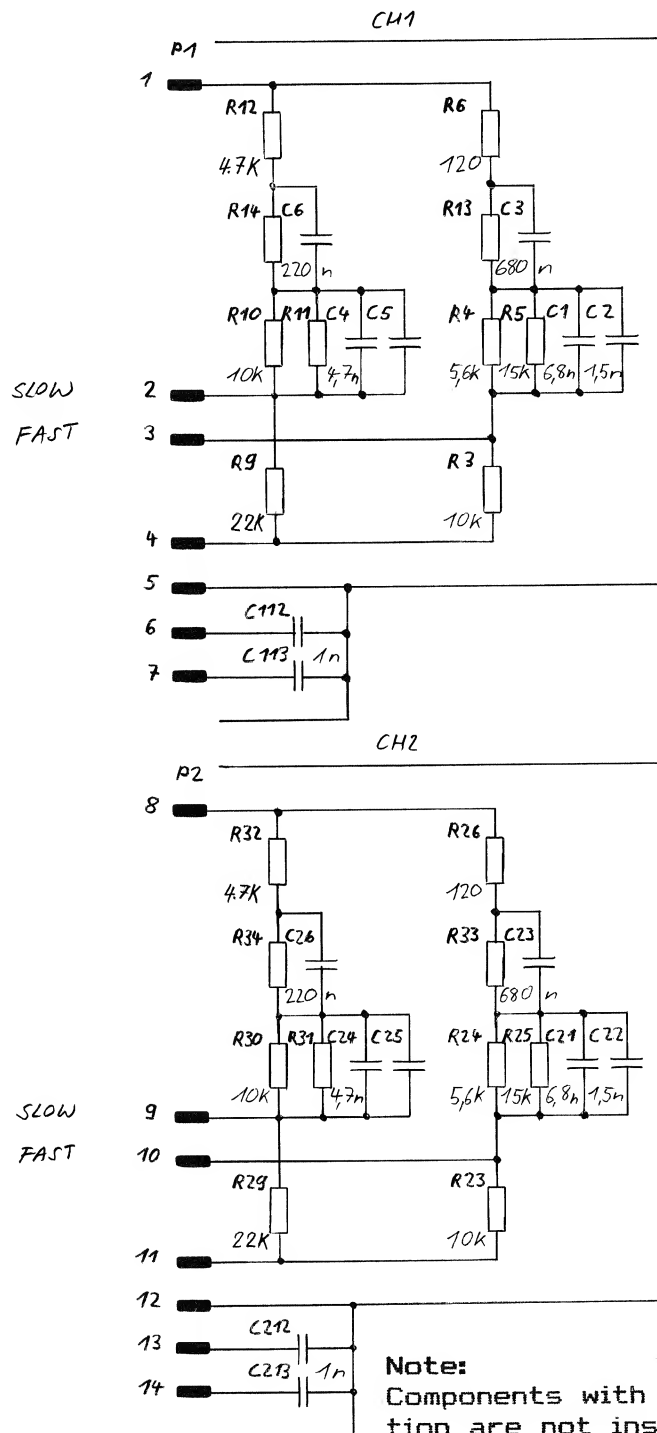
IND.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
(01)	R..0009	57.11.3752	7.5 K	1% 0207 MF	
(00)	R..0010	57.11.3332	3.3 K	1% 0207 MF	
(01)	R..0010	57.11.3302	3 K	1% 0207 MF	
(00)	R..0012	57.11.3152	1.5 K	1% 0207 MF	
(01)	R..0012	57.11.3132	1.3 K	1% 0207 MF	
(00)	R..0023	57.11.3822	8.2 K	1% 0207 MF	
(01)	R..0023	57.11.3103	10 K	1% 0207 MF	
(00)	R..0024	57.11.3332	3.3 K	1% 0207 MF	
(01)	R..0024	57.11.3562	5.6 K	1% 0207 MF	
(01)	R..0025	57.11.3153	15 K	1% 0207 MF	
(00)	R..0026	57.11.3101	100	1% 0207 MF	
(01)	R..0026	57.11.3121	120	1% 0207 MF	
(00)	R..0029	57.11.3822	8.2 K	1% 0207 MF	
(01)	R..0029	57.11.3752	7.5 K	1% 0207 MF	
(00)	R..0030	57.11.3332	3.3 K	1% 0207 MF	
(01)	R..0030	57.11.3302	3 K	1% 0207 MF	
(00)	R..0032	57.11.3152	1.5 K	1% 0207 MF	
(01)	R..0032	57.11.3132	1.3 K	1% 0207 MF	

(01) 15.09.87 VALUE ADJUST

ORIG 86/09/15 (01) 87/09/15

S T U D E R (01) 87/09/15 RECORD SPEED BOARD 19/38 NAB 1.777.558.00 PAGE 2

RECORD SPEED BOARD 9.5/38 NAB 1.777.559.00

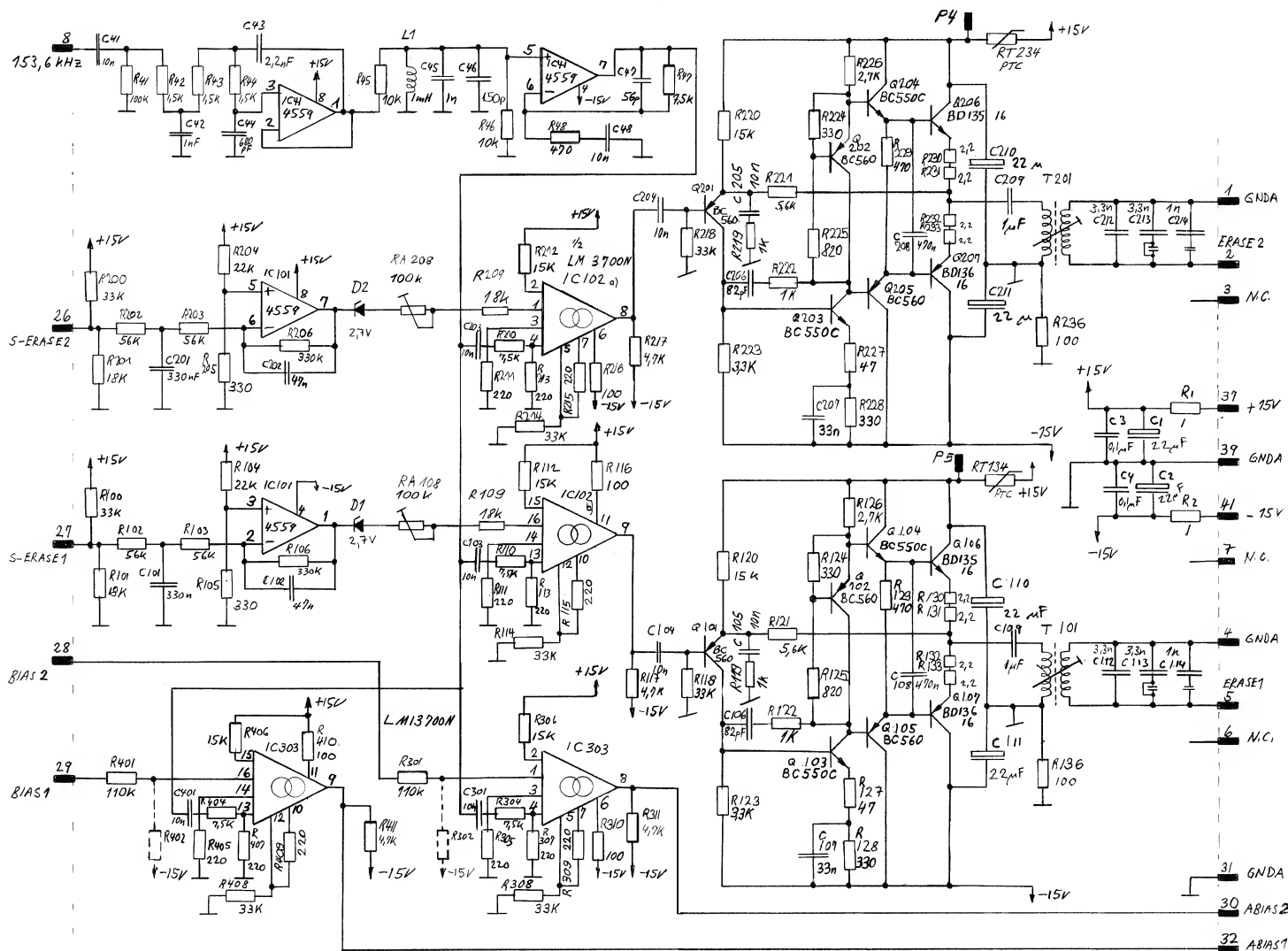


① 23.2.87	② 15.03.87 E. Bismarck	③ 03.02.88	○ ..	○ ..
C270		PAGE 1 OF 1		
STUDER	RECORD SPEED B. 9.5 / 38 NAB(3,75/15) SC		1.777.559.00	

IND.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.	IND.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
(00)	C..0001	59.05.2103	+01 U	2.5%, 63V PP		(01)	R..0005	57.11.3153	15 K	1%, 0207 MF	
(01)	C..0001	59.05.2682	6800 P	2.5%, 63V PP		(00)	R..0006	57.11.3101	100	1%, 0207 MF	
(01)	C..0002	59.05.2152	1500 P	2.5%, 63V PP		(01)	R..0006	57.11.3102	120	1%, 0207 MF	
(00)	C..0003	59.06.5105	1 U	5%, 50V PeTP		(00)	R..0009	57.11.3103	10 K	1%, 0207 MF	
(01)	C..0003	59.06.5684	+08 U	5%, 50V PeTP		(01)	R..0009	57.11.3183	18 K	1%, 0207 MF	
(00)	C..0004	59.05.2103	+01 U	2.5%, 63V PP		(02)	R..0009	57.11.4223	22 K	2%, 0207 MF	
(01)	C..0004	59.05.2672	4700 P	2.5%, 63V PP		(00)	R..0010	57.11.3672	4.7 K	1%, 0207 MF	
(00)	C..0005	59.05.2332	3300 P	2.5%, 160V PP		(01)	R..0010	57.11.3103	10 K	1%, 0207 MF	
(01)	C..0005	59.05.2332	3300 P	not connected		(00)	R..0012	57.11.3222	2.2 K	1%, 0207 MF	
(00)	C..0006	59.06.5676	+47 U	5%, 63V PeTP		(01)	R..0012	57.11.3102	1 K	1%, 0207 MF	
(01)	C..0006	59.06.5224	+22 U	5%, 63V PeTP		(02)	R..0012	57.11.4472	4.7 K	2%, 0207 MF	
(00)	C..0021	59.05.2103	+01 U	2.5%, 63V PP		(00)	R..0023	57.11.3822	0.2 K	1%, 0207 MF	
(01)	C..0021	59.05.2682	6800 P	2.5%, 63V PP		(01)	R..0023	57.11.3103	10 K	1%, 0207 MF	
(01)	C..0022	59.05.2152	1500 P	2.5%, 63V PP		(00)	R..0024	57.11.3302	3.3 K	0207 MF	
(00)	C..0023	59.06.5105	1 U	5%, 50V PeTP		(01)	R..0024	57.11.3562	5.6 K	1%, 0207 MF	
(01)	C..0023	59.06.5684	+08 U	5%, 50V PeTP		(01)	R..0025	57.11.3153	15 K	1%, 0207 MF	
(00)	C..0024	59.05.2103	+01 U	2.5%, 63V PP		(00)	R..0026	57.11.3101	100	0207 MF	
(01)	C..0024	59.05.2672	4700 P	2.5%, 63V PP		(01)	R..0026	57.11.3121	120	1%, 0207 MF	
(00)	C..0025	59.05.2332	3300 P	2.5%, 160V PP		(00)	R..0029	57.11.3103	10 K	1%, 0207 MF	
(01)	C..0025	59.05.2332	3300 P	not connected		(01)	R..0029	57.11.3183	18 K	1%, 0207 MF	
(00)	C..0026	59.06.5676	+47 U	5%, 63V PeTP		(02)	R..0029	57.11.4223	22 K	2%, 0207 MF	
(01)	C..0026	59.06.5224	+22 U	5%, 63V PeTP		(00)	R..0030	57.11.3472	4.7 K	1%, 0207 MF	
(00)	C..0113	59.05.2153	+015 U	2.5%, 63V PP		(01)	R..0030	57.11.3103	10 K	1%, 0207 MF	
(01)	C..0113	59.05.2102	1000 P	2.5%, 630V PP		(00)	R..0032	57.11.3222	2.2 K	1%, 0207 MF	
(01)	C..0113	59.05.2153	1	2.5%, 63V PP		(01)	R..0032	57.11.3102	1 K	1%, 0207 MF	
(01)	C..0213	59.05.2102	1000 P	2.5%, 630V PP		(02)	R..0032	57.11.4472	4.7 K	2%, 0207 MF	
RECORD SPEED BOARD PCB LABEL											
P..0001 54.01.0223 7 PGL STRIP CIS											
P..0002 54.01.0223 7 PGL STRIP CIS											
						(01) 15.09.87 Value adjust					
						(02) 03.02.88 Value adjust					
(00)	R..0003	57.11.3422	8.2 K	1%, 0207 MF							
(01)	R..0003	57.11.3103	10 K	1%, 0207 MF							
(00)	R..0004	57.11.3332	3.3 K	1%, 0207 MF							
(01)	R..0004	57.11.3562	5.6 K	1%, 0207 MF							
						ORIG 86/09/16	(01) 87/09/15	(02) 88/02/03			



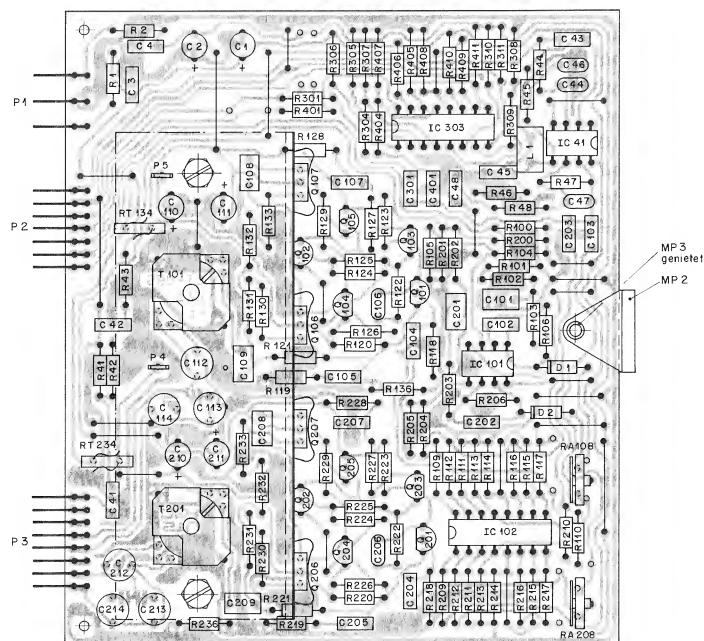
## ERASE AMPLIFIER BOARD 1.777.560.81



© 20.2.89 J.M.E.M.	C270	ERASE AMPLIFIER BOARD	"ESE" SC	1.777.560.81
			PAGE 1 OF 1	



NO.	POS-NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUAL
E-0001	99-22-5220	22 U	-20%	25W EL	
E-0002	99-22-5220	22 U	-10%	25W EL	
E-0003	99-06-0104	+ U	10%	63V PEP	
E-0004	99-06-0104	+ U	10%	63V PEP	
E-0005	99-06-5103	+ U	5%	63V PEP	
E-0006	99-06-5103	+ U	5%	63V PEP	
E-0007	99-06-5103	+ U	5%	63V PEP	
E-0008	99-06-5103	+ U	5%	63V PEP	
E-0009	99-12-2681	2200 P	5%	63V PEP	
E-0010	99-12-2681	2200 P	5%	63V PEP	
E-0011	99-34-5102	1000 P	5%	63V PEP	
E-0012	99-34-5102	1000 P	5%	63V PEP	
E-0013	99-34-5102	56 P	5%	N750 CDR	
E-0014	99-34-5103	+ U	10%	63V PEP	
E-0015	99-06-5134	+33 U	5%	63V PEP	
E-0016	99-06-5134	+33 U	5%	63V PEP	
E-0017	99-06-5134	+33 U	5%	63V PEP	
E-0018	99-06-5134	+33 U	5%	63V PEP	
E-0019	99-06-5134	+33 U	5%	63V PEP	
E-0020	99-06-5134	+33 U	5%	63V PEP	
E-0021	99-06-5134	+33 U	5%	63V PEP	
E-0022	99-06-5134	+33 U	5%	63V PEP	
E-0023	99-06-5134	+33 U	5%	63V PEP	
E-0024	99-06-5134	+33 U	5%	63V PEP	
E-0025	99-06-5134	+33 U	5%	63V PEP	
E-0026	99-06-5134	+33 U	5%	63V PEP	
E-0027	99-06-5134	+33 U	5%	63V PEP	
E-0028	99-06-5134	+33 U	5%	63V PEP	
E-0029	99-06-5134	+33 U	5%	63V PEP	
E-0030	99-06-5134	+33 U	5%	63V PEP	
E-0031	99-06-5134	+33 U	5%	63V PEP	
E-0032	99-06-5134	+33 U	5%	63V PEP	
E-0033	99-06-5134	+33 U	5%	63V PEP	
E-0034	99-06-5134	+33 U	5%	63V PEP	
E-0035	99-06-5134	+33 U	5%	63V PEP	
E-0036	99-06-5134	+33 U	5%	63V PEP	
E-0037	99-06-5134	+33 U	5%	63V PEP	
E-0038	99-06-5134	+33 U	5%	63V PEP	
E-0039	99-06-5134	+33 U	5%	63V PEP	
E-0040	99-06-5134	+33 U	5%	63V PEP	
E-0041	99-06-5134	+33 U	5%	63V PEP	
E-0042	99-06-5134	+33 U	5%	63V PEP	
E-0043	99-06-5134	+33 U	5%	63V PEP	
E-0044	99-06-5134	+33 U	5%	63V PEP	
E-0045	99-06-5134	+33 U	5%	63V PEP	
E-0046	99-06-5134	+33 U	5%	63V PEP	
E-0047	99-06-5134	+33 U	5%	63V PEP	
E-0048	99-06-5134	+33 U	5%	63V PEP	
E-0049	99-06-5134	+33 U	5%	63V PEP	
E-0050	99-06-5134	+33 U	5%	63V PEP	
E-0051	99-06-5134	+33 U	5%	63V PEP	
E-0052	99-06-5134	+33 U	5%	63V PEP	
E-0053	99-06-5134	+33 U	5%	63V PEP	
E-0054	99-06-5134	+33 U	5%	63V PEP	
E-0055	99-06-5134	+33 U	5%	63V PEP	
E-0056	99-06-5134	+33 U	5%	63V PEP	
E-0057	99-06-5134	+33 U	5%	63V PEP	
E-0058	99-06-5134	+33 U	5%	63V PEP	
E-0059	99-06-5134	+33 U	5%	63V PEP	
E-0060	99-06-5134	+33 U	5%	63V PEP	
E-0061	99-06-5134	+33 U	5%	63V PEP	
E-0062	99-06-5134	+33 U	5%	63V PEP	
E-0063	99-06-5134	+33 U	5%	63V PEP	
E-0064	99-06-5134	+33 U	5%	63V PEP	
E-0065	99-06-5134	+33 U	5%	63V PEP	
E-0066	99-06-5134	+33 U	5%	63V PEP	
E-0067	99-06-5134	+33 U	5%	63V PEP	
E-0068	99-06-5134	+33 U	5%	63V PEP	
E-0069	99-0				



PNR	POS-NO	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUFACTURER
	C-0012	99-00-1332	3300 P	1% .01V ± P/TP	
	C-0013	99-00-1332	3300 P	1% .01V ± P/TP	
	C-0014	99-00-1332	3300 P	1% .01V ± P/TP	
	C-0015	99-00-0103	.01 U	10% .03V ± P/TP	
	C-0016	99-00-0103	.01 U	10% .03V ± P/TP	
	D-0001	99-00-1103	+2 V	5% .004V ± Z	
	D-0002	99-00-1103	+2 V	5% .004V ± Z	
	E-0001	50-07-0107		RC .55V 50W UPC .55V	RAYNOR
	E-0002	50-07-0107		RC .55V 50W UPC .55V	RAYNOR
	E-0003	50-07-0107		RC .55V 50W UPC .55V	RAYNOR
	E-0004	50-07-0107		RC .55V 50W UPC .55V	RAYNOR
	E-0005	50-07-0107		RC .55V 50W UPC .55V	RAYNOR
	E-0006	50-07-0107		RC .55V 50W UPC .55V	RAYNOR
	E-0007	50-07-0107		RC .55V 50W UPC .55V	RAYNOR
	E-0008	50-07-0107		RC .55V 50W UPC .55V	RAYNOR
	E-0009	50-07-0107	1 M	LCR, RATIO, X=5	
	LL-0001	1-777-060-95		4L-4R-4E AMPLIFIER	S
(13)	MP-0001	1-777-060-123		4L-4R-4E AMPL. PCB	S
(12)	MP-0002	1-777-060-123		4L-4R-4E AMPL. PCB	S
	MP-0003	1-777-060-123		4L-4R-4E AMPL. PCB	S
	MP-0004	2-621-136-01	Q23545	TUBULAR/LAVET	S
	MP-0005	2-621-136-01	1 PCS	HEAT SINKS	S
(01)	MP-0006	1-777-060-123	1 PCS	HEAT SINKS	S
(01)	MP-0007	2-621-136-01	1 PCS	HEAT SINKS	S
(01)	MP-0008	1-777-060-123	2 PCS	W/RTHER	S
(01)	MP-0009	2-621-136-01	2 PCS	W/RTHER	S
(01)	MP-0010	1-777-060-123	1 PCS	INDUCTION	S
	P-0001	99-01-0203	3 PUT.	STRIP CTS ANGLE	AMP
	P-0002	99-01-0203	7 POL.	STRIP CTS ANGLE	AMP
	P-0003	99-01-0202	10L	STRIP CTS ANGLE	AMP
	P-0004	99-02-0320	2-0-0-0-0	TEST POINT	AMP
	P-0005	99-02-0320	2-0-0-0-0	TEST POINT	AMP
	99-001	50-03-0340	UC 760		9A

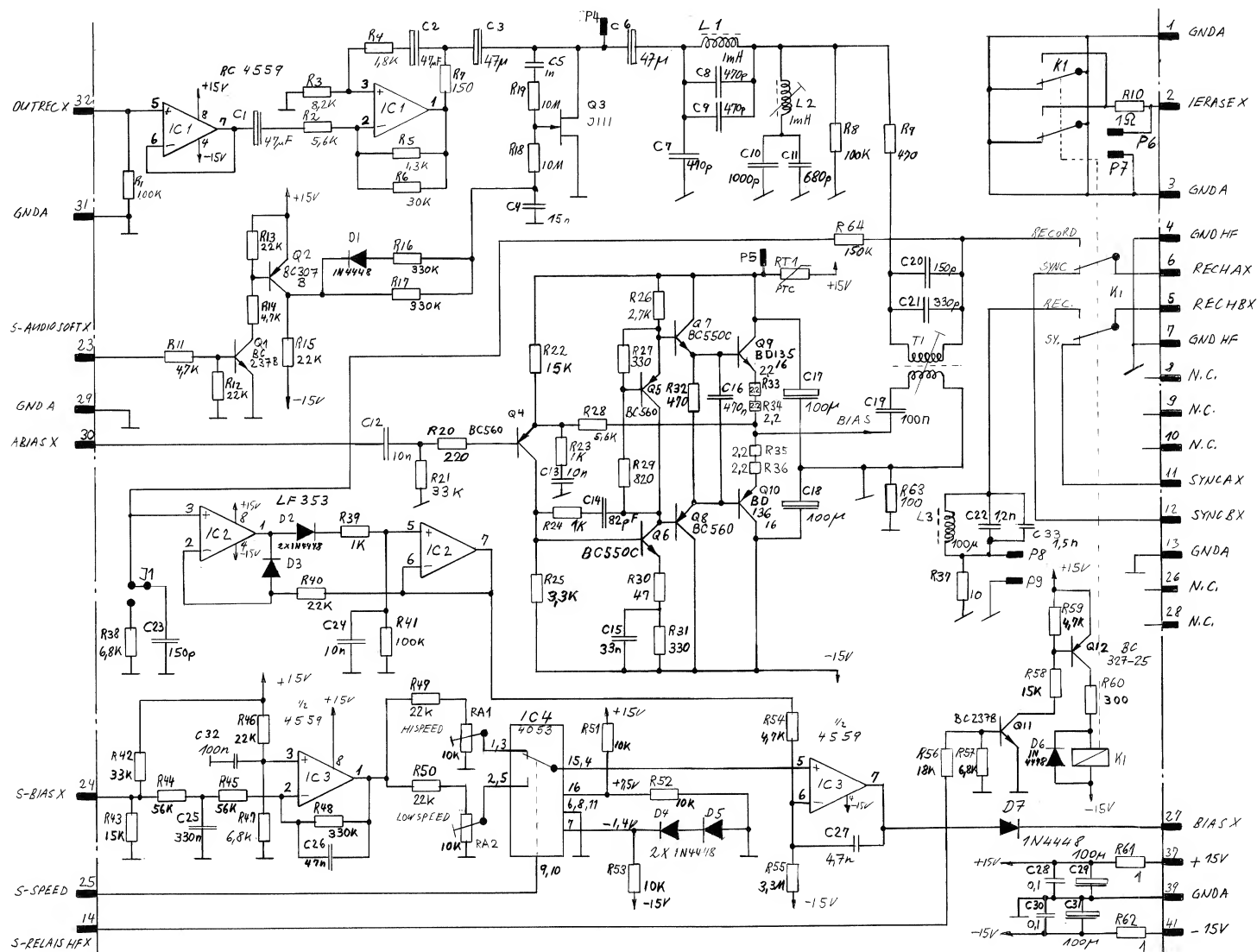
IND.	FUG NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANU.
00-0104	50.0104007		BC 550 (BC 100 C)	51	51mp#
00-0105	50.0104009		BC 550 (BC 100 C)	51	51mp#
00-0106	50.0104007		BC 135-16	51	Ph550st
00-0107	50.0104009		BC 135-16	51	Ph550st
00-0201	50.0104006		BC 960	51	51mp#
00-0202	50.0104009		BC 960	51	51mp#
00-0203	50.0104007		BC 550 (BC 100 C)	51	51mp#
00-0204	50.0104009		BC 550 (BC 100 C)	51	51mp#
00-0205	50.0104006		BC 960	51	51mp#
00-0206	50.0104009		BC 960 (BC 100 C)	51	Ph550st
00-0207	50.0105010		BC 135-16	51	Ph550st
00-0001	51.11-16109	1	2 1/2 20ZT * MF		
00-0002	51.11-16110	1	2 1/2 20ZT * MF		
00-0003	51.11-16124	100 K	2 1/2 20ZT * MF		
00-0004	51.11-16125	15 K	2 1/2 20ZT * MF		
00-0005	51.11-16126	15 K	2 1/2 20ZT * MF		
00-0006	51.11-16127	15 K	2 1/2 20ZT * MF		
00-0007	51.11-16128	15 K	2 1/2 20ZT * MF		
00-0008	51.11-16103	10 K	2 1/2 20ZT * MF		
00-0009	51.11-16104	10 K	2 1/2 20ZT * MF		
00-0010	51.11-16141	470	2 1/2 20ZT * MF		
00-0011	51.11-16142	470	2 1/2 20ZT * MF		
00-0101	51.11-16103	18 K	2 1/2 20ZT * MF		
00-0102	51.11-16104	18 K	2 1/2 20ZT * MF		
00-0103	51.11-16156	5a K	2 1/2 20ZT * MF		
00-0104	51.11-16223	330 K	2 1/2 20ZT * MF		
00-0105	51.11-16331	330	2 1/2 20ZT * MF		
00-0106	51.11-16116	330	2 1/2 20ZT * MF		
00-0107	51.11-16183	18 K	2 1/2 20ZT * MF		
00-0110	51.11-16192	60	2 1/2 20ZT * MF		
00-0111	51.11-16221	220	2 1/2 20ZT * MF		
00-0112	51.11-16133	33 K	2 1/2 20ZT * MF		
00-0113	51.11-16221	220	2 1/2 20ZT * MF		
00-0114	51.11-16133	33 K	2 1/2 20ZT * MF		
00-0115	51.11-16221	220	2 1/2 20ZT * MF		
00-0116	51.11-16101	1000	2 1/2 20ZT * MF		

IND.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
R=	0117	57111-0672	6 1/2 K	2 1/2 OZOT MF	
R=	0018	57111-1333	30 K	2 1/2 OZOT MF	
R=	0119	57111-0672	1 K	2 1/2 OZOT MF	
R=	0120	57111-0553	15 K	2 1/2 OZOT MF	
R=	0121	57111-0662	5 1/2 K	2 1/2 OZOT MF	
R=	0122	57111-1002	1 K	2 1/2 OZOT MF	
R=	0123	57111-0332	3 1/2 K	2 1/2 OZOT MF	
R=	0124	57111-1333	30 K	2 1/2 OZOT MF	
R=	0125	57111-0621	820	2 1/2 OZOT MF	
R=	0126	57111-0772	20 K	2 1/2 OZOT MF	
R=	0127	57111-0672	47 K	2 1/2 OZOT MF	
R=	0128	57111-0672	330 K	2 1/2 OZOT MF	
R=	0129	57111-0672	470	2 1/2 OZOT MF	
R=	0130	57111-0629	2 1/2	2 1/2 OZOT MF	
R=	0131	57111-0629	2 1/2	2 1/2 OZOT MF	
R=	0132	57111-0629	2 1/2	2 1/2 OZOT MF	
R=	0133	57111-0629	2 1/2	2 1/2 OZOT MF	
R=	0134	57111-0629	2 1/2	2 1/2 OZOT MF	
R=	0135	57111-0629	2 1/2	2 1/2 OZOT MF	
R=	0136	57111-0629	2 1/2	2 1/2 OZOT MF	
R=	0137	57111-0629	2 1/2	2 1/2 OZOT MF	
R=	0138	57111-0629	2 1/2	2 1/2 OZOT MF	
R=	0139	57111-0629	2 1/2	2 1/2 OZOT MF	
R=	0140	57111-0629	2 1/2	2 1/2 OZOT MF	
R=	0141	57111-0629	2 1/2	2 1/2 OZOT MF	
R=	0142	57111-0629	2 1/2	2 1/2 OZOT MF	
R=	0143	57111-0629	2 1/2	2 1/2 OZOT MF	
R=	0144	57111-0629	2 1/2	2 1/2 OZOT MF	
R=	0145	57111-0629	2 1/2	2 1/2 OZOT MF	
R=	0146	57111-0629	2 1/2	2 1/2 OZOT MF	
R=	0147	57111-0629	2 1/2	2 1/2 OZOT MF	
R=	0148	57111-0629	2 1/2	2 1/2 OZOT MF	
R=	0149	57111-0629	2 1/2	2 1/2 OZOT MF	
R=	0150	57111-0629	2 1/2	2 1/2 OZOT MF	
R=	0151	57111-0629	2 1/2	2 1/2 OZOT MF	
R=	0152	57111-0629	2 1/2	2 1/2 OZOT MF	
R=	0153	57111-0629	2 1/2	2 1/2 OZOT MF	
R=	0154	57111-0629	2 1/2	2 1/2 OZOT MF	
R=	0155	57111-0629	2 1/2	2 1/2 OZOT MF	
R=	0156	57111-0629	2 1/2	2 1/2 OZOT MF	
R=	0157	57111-0629	2 1/2	2 1/2 OZOT MF	
R=	0158	57111-0629	2 1/2	2 1/2 OZOT MF	
R=	0159	57111-0629	2 1/2	2 1/2 OZOT MF	
R=	0160	57111-0629	2 1/2	2 1/2 OZOT MF	
R=	0161	57111-0629	2 1/2	2 1/2 OZOT MF	
R=	0162	57111-0629	2 1/2	2 1/2 OZOT MF	
R=	0163	57111-0629	2 1/2	2 1/2 OZOT MF	
R=	0164	57111-0629	2 1/2	2 1/2 OZOT MF	
R=	0165	57111-0629	2 1/2	2 1/2 OZOT MF	
R=	0166	57111-0629	2 1/2	2 1/2 OZOT MF	
R=	0167	57111-0629	2 1/2	2 1/2 OZOT MF	
R=	0168	57111-0629	2 1/2	2 1/2 OZOT MF	
R=	0169	57111-0629	2 1/2	2 1/2 OZOT MF	
R=	0170	57111-0629	2 1/2	2 1/2 OZOT MF	
R=	0171	57111-0629	2 1/2	2 1/2 OZOT MF	
R=	0172	57111-0629	2 1/2	2 1/2 OZOT MF	
R=	0173	57111-0629	2 1/2	2 1/2 OZOT MF	</

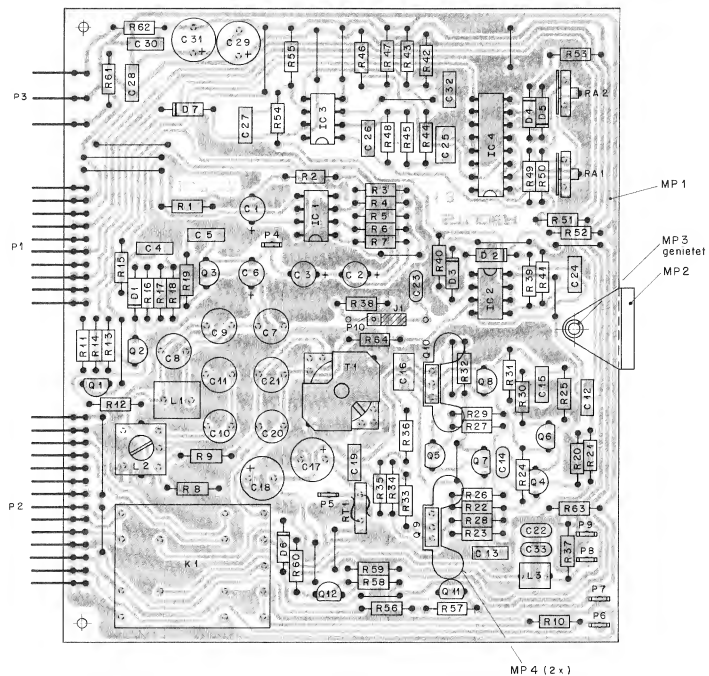
[illegible]

IND.	PDS NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
	KA-0100	38-02-A104	100 K	20% ± 1 % PECH	
	KA-0100	38-02-A104	100 K	20% ± 1 % PECH	
	RT-0134	3T-92-1101	100 MA	50%V PTC	
	RT-0134	3T-92-1101	100 MA	50%V PTC	
	T-2101	1-222-00100		LEADS TRANSFORMER	2E
	T-2101	1-222-00100		LEADS TRANSFORMER	3E

## BIAS CONTROL BOARD 1.777.570.81



## BIAS CONTROL BOARD 1.777.570.81



MP4 (2x)

IND.	POS.ND.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
(01)		L+0001	59-22-3470	47 U	-20%, 10V + EL
		L+0002	59-22-3470	47 U	-20%, 10V + EL
		L+0003	59-22-3470	47 U	-20%, 10V + EL
		L+0004	59-06-0104	+1 U	10%, 63V + PETP
		L+0005	59-06-0153	+015 U	10%, 63V + PETP
		L+0006	59-06-0162	1000 P	10%, 63V + PETP
		L+0007	59-22-3470	47 U	-20%, 10V + EL
		L+0008	59-05-2471	470 P	2-5%, 630V + PP
		L+0009	59-05-2471	470 P	2-5%, 630V + PP
		L+0010	59-05-2102	1000 P	2-5%, 630V + PP
(02)		L+0011	59-05-2681	480 P	2-5%, 630V + PP
		L+0012	59-05-2671	470 P	2-5%, 630V + PP
		L+0013	59-06-0103	+01 U	10%, 63V + PETP
		L+0014	59-06-0103	+01 U	10%, 63V + PETP
		L+0015	59-06-0103	+01 U	10%, 63V + PETP
		L+0016	59-06-0104	+1 U	10%, 63V + PETP
		L+0017	59-22-5101	100 U	-20%, 25V + EL
		L+0018	59-22-5101	100 U	-20%, 25V + EL
		L+0019	59-06-0105	1.0 U	10%, 50V + PETP
		L+0020	59-06-0105	+1 U	10%, 50V + PETP
(03)		L+0021	59-05-2151	150 P	2-5%, 630V + PP
		L+0022	59-05-2331	330 P	2-5%, 630V + PP
		L+0023	59-14-0271	270 P	5%, 750V + CER
		L+0024	59-14-0272	1.2 N	10%, 50V + CER
		L+0025	59-14-0151	150 P	5%, 750V + CER
		L+0026	59-06-0103	+01 U	10%, 63V + PETP
		L+0027	59-06-0103	+01 U	10%, 63V + PETP
		L+0028	59-06-0104	+1 U	10%, 63V + PETP
		L+0029	59-22-5101	100 U	-20%, 25V + EL
		L+0030	59-06-0105	+1 U	10%, 50V + PETP
(04)		L+0031	59-22-5101	100 U	-20%, 25V + EL
		L+0032	59-06-0104	+1 U	10%, 63V + PETP
		L+0033			not connected

STUDER (05) 88/04/18 BIAS-CONTROL-BOARD A 1.777.570.00 PAGE 1

IND.	POS.ND.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
(05)		L+0033	59-14-0152	1.5 N	20%, 50V + CER
		O+0001	50-04-0125		1N 4448 SI
		O+0002	50-04-0125		1N 4448 SI
		O+0003	50-04-0125		1N 4448 SI
		O+0004	50-04-0125		1N 4448 SI
		O+0005	50-04-0125		1N 4448 SI
		O+0006	50-04-0125		1N 4448 SI
		O+0007	50-04-0125		1N 4448 SI
		IC+0001	50-10-0107		RE 4559 NE, UPL 4559
		IC+0002	50-06-0101		LF 353 NE, UPL 4559
(06)		IC+0003	50-10-0107		RE 4559 NE, UPL 4559
		IC+0004	50-07-0015		MC 14133 NE, UPL 4559
		J+0001	54-01-0021	1 pcs	JUMPER
		K+0001	56-06-0144	24V 4W	220V / 2A + PRINT
		L+0001	62-02-3102	1 M	COIL + 10%
		L+0002	1.777.610.01		HF-COIL +
		L+0003	62-02-3102	1 M	COIL + 10%
		L+0004	62-02-3101	100 MK	COIL + 10%
		MP+0001	1.777.570.11		BIAS-CONTROL-PCB
		MP+0002	1.777.570.12		BIAS-CONTROL-PCB
(07)		MP+0003	20-01-001-33		GAIP
		MP+0004	20-01-001-33		GAIP
		MP+0005	20-01-001-33		GAIP
		MP+0006	20-01-001-33		GAIP
		MP+0007	20-01-001-33		GAIP
		MP+0008	20-01-001-33		GAIP
		MP+0009	20-01-001-33		GAIP
		MP+0010	20-01-001-33		GAIP
		MP+0011	20-01-001-33		GAIP
		MP+0012	20-01-001-33		GAIP

STUDER (05) 88/04/18 BIAS-CONTROL-BOARD A 1.777.570.00 PAGE 2

IND.	POS.ND.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
(08)		P+0008	54-02-0320	2-80-0.8	TEST POINT
		P+0009	54-02-0320	2-80-0.8	TEST POINT
		P+0010	54-01-0010	3 pcs	PH 20-01-001-33
		O+0001	50-03-0436		BC 237 B
		O+0002	50-03-0436		BC 237 B
		O+0003	50-03-0436		BC 237 B
		O+0004	50-03-0436		BC 237 B
		O+0005	50-03-0436		BC 237 B
		O+0006	50-03-0436		BC 237 B
		O+0007	50-03-0436		BC 237 B
(09)		O+0008	50-03-0436		BC 237 B
		O+0009	50-03-0436		BC 237 B
		O+0010	50-03-0436		BC 237 B
		O+0011	50-03-0436		BC 237 B
		O+0012	50-03-0436		BC 237 B
		O+0013	50-03-0436		BC 237 B
		O+0014	50-03-0436		BC 237 B
		O+0015	50-03-0436		BC 237 B
		O+0016	50-03-0436		BC 237 B
		O+0017	50-03-0436		BC 237 B

STUDER (05) 88/04/18 BIAS-CONTROL-BOARD A 1.777.570.00 PAGE 3

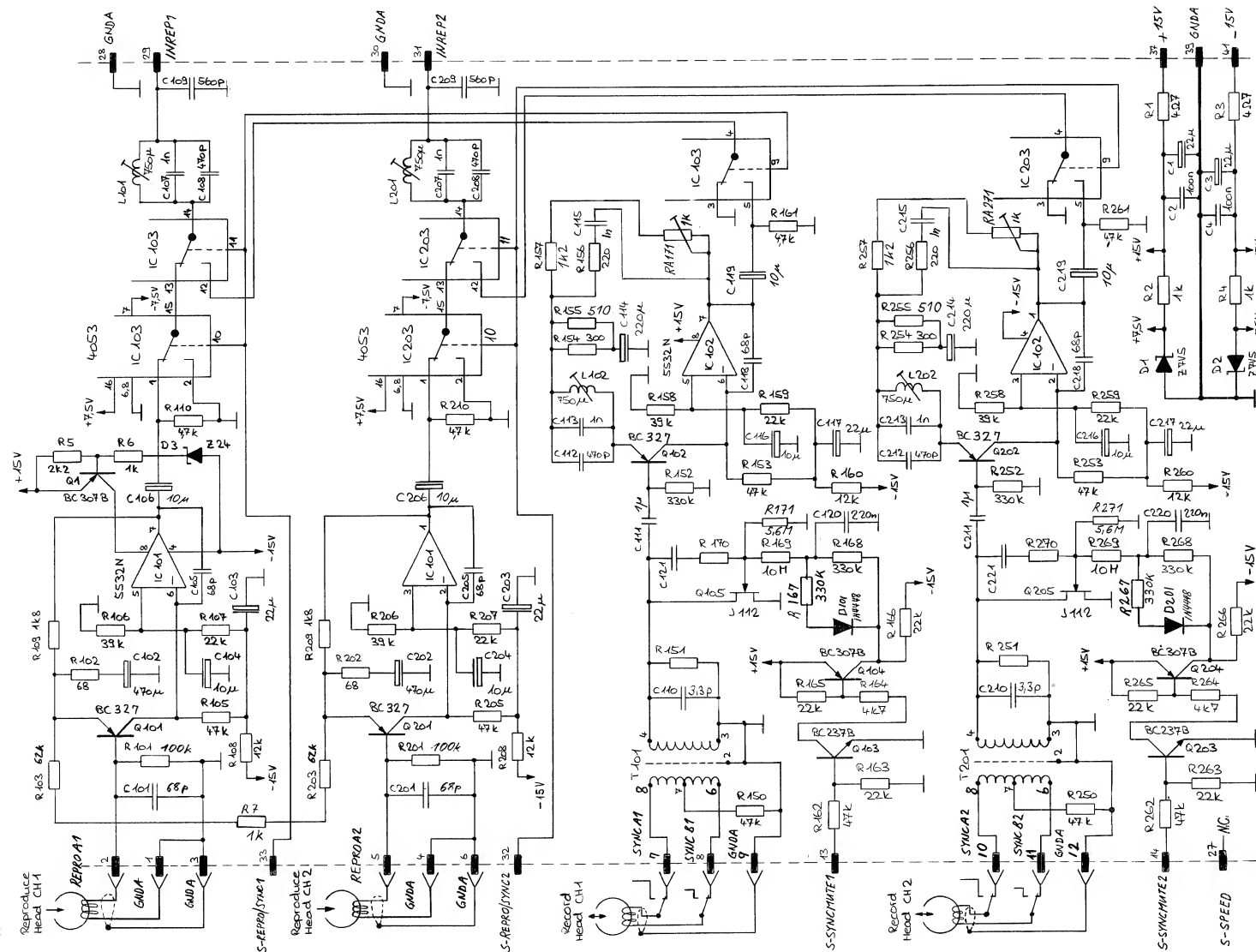
IND.	POS.ND.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
(10)		R+0021	57-11-4333	33 K	2%, 0207 + MF
		R+0022	57-11-4333	15 K	2%, 0207 + MF
		R+0023	57-11-4333	1 K	2%, 0207 + MF
		R+0024	57-11-4333	1 K	2%, 0207 + MF
		R+0025	57-11-4333	1.3 K	2%, 0207 + MF
		R+0026	57-11-4333	2.7 K	2%, 0207 + MF
		R+0027	57-11-4333	330	2%, 0207 + MF
		R+0028	57-11-4333	820	2%, 0207 + MF
		R+0029	57-11-4333	47	2%, 0207 + MF
		R+0030	57-11-4333	330	2%, 0207 + MF
(11)		R+0031	57-11-4333	330	2%, 0207 + MF
		R+0032	57-11-4333	330	2%, 0207 + MF
		R+0033	57-11-4333	330	2%, 0207 + MF
		R+0034	57-11-4333	330	2%, 0207 + MF
		R+0035	57-11-4333	330	2%, 0207 + MF
		R+0036	57-11-4333	330	2%, 0207 + MF
		R+0037	57-11-4333	330	2%, 0207 + MF
		R+0038	57-11-4333	330	2%, 0207 + MF
		R+0039	57-11-4333	330	2%, 0207 + MF
		R+0040	57-11-4333	330	2%, 0207 + MF
(12)		R+0041	57-11-4333	330	2%, 0207 + MF
		R+0042	57-11-4333	330	2%, 0207 + MF
		R+0043	57-11-4333	330	2%, 0207 + MF
		R+0044	57-11-4333	330	2%, 0207 + MF
		R+0045	57-11-4333	330	2%, 0207 + MF
		R+0046	57-11-4333	330	2%, 0207 + MF
		R+0047	57-11-4333	330	2%, 0207 + MF
		R+0048	57-11-4333	330	2%, 0207 + MF
		R+0049	57-11-4333	330	2%, 0207 + MF
		R+0050	57-11-4333	330	2%, 0207 + MF

STUDER (05) 88/04/18 BIAS-CONTROL-BOARD A 1.777.570.00 PAGE 4

IND.	POS.ND.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
(13)		R+0051	57-11-4333	330	2%, 0207 + MF
		R+0052	57-11-4333	330	2%, 0207 + MF
		R+0053	57-11-4333	330	2%, 0207 + MF
		R+0054	57-11-4333	330	2%, 0207 + MF
		R+0055	57-11-4333	330	2%, 0207 + MF
		R+0056	57-11-4333	330	2%, 0207 + MF
		R+0057	57-11-4333	330	2%, 0207 + MF
		R+0058	57-11-4333	330	2%, 0207 + MF
		R+0059	57-11-4333	330	2%, 0207 + MF
		R+0060	57-11-4333	330	2%, 0207 + MF
(14)		R+0061	57-11-4333	330	2%, 0207 + MF
		R+0062	57-11-4333	330	2%, 0207 + MF
		R+0063	57-11-4333	330	2%, 0207 + MF
		R+0064	57-11-4333	330	2%, 0207 + MF
		R+0065	57-11-4333	330	2%, 0207 + MF
		R+0066	57-11-4333	330	2%, 0207 + MF
		R+0067	57-11-4333	330	2%, 0207 + MF
		R+0068	57-11-4333	330	2%, 0207 + MF
		R+0069	57-11-4333	330	2%, 0207 + MF
		R+0070	57-11-4333	330	2%, 0207 + MF

STUDER (06) 88/12/06 BIAS-CONTROL-BOARD A PL 1.777.570.00 PAGE 5

PREAMPLIFIER BOARD 1.777.610.00



Note:  
C111 and C211 have been reduced  
to 1μF and resistors R171 and  
R271 added, each 5.6Mohms to re-  
duce start/stop clicks.

① 28.1.87 B. J. L. E. ② 7.4.87 J. L. E. ③ 06.12.88 J. L. E.

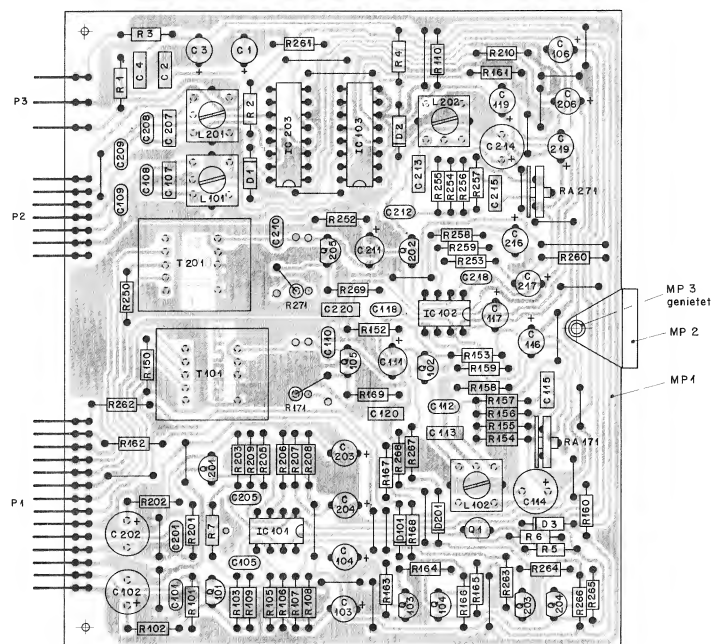
C270

PAGE 1 OF 1

PREAMPLIFIER BOARD

"ESE" SC 1.777.610.00

STUDER

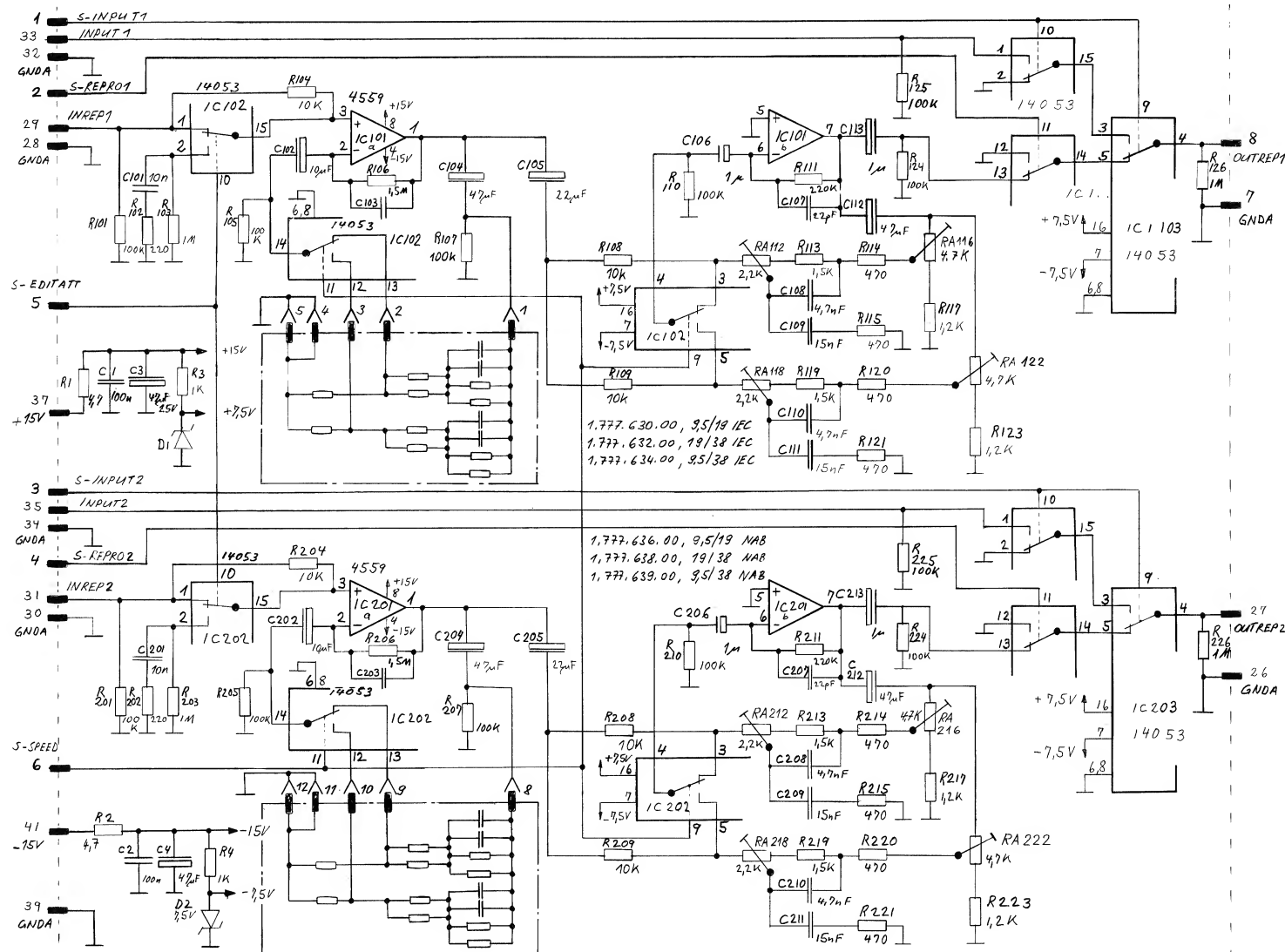
[illegible]

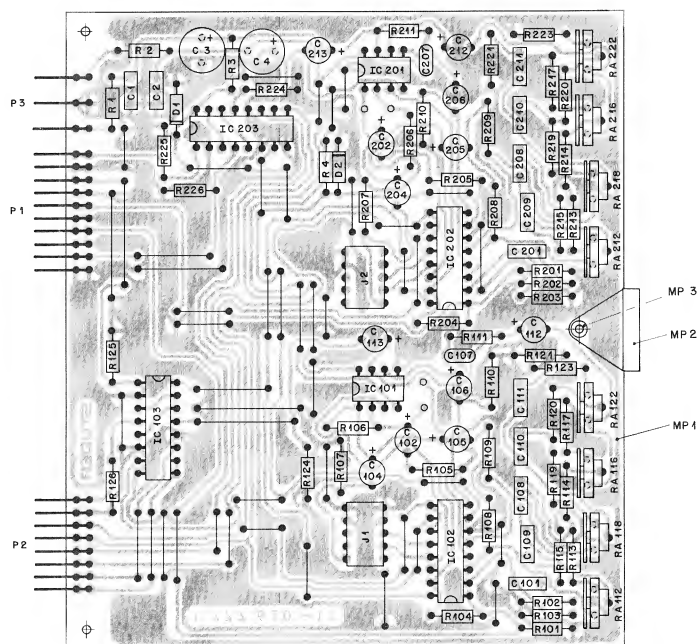
IND.	POS+NN	PART NN	VALUE	SPECIFICATIONS / EQUIVALENT	MARKUP
	1.0007	90.04.0302	1200 P	55% 630V PLTP	
	1.0008	90.04.0301	870 P	55%6300 CUB	
	1.0009	90.04.0601	560 P	55%6300 CBR	
	1.0010	90.04.0501	10 P	55% 630V PLTP	
(05)	1.0011	90.02.0101	100 U	-10% 10V EL	
	1.0012	90.04.0302	1000 P	55% 630V PLTP	
	1.0013	90.04.0301	870 P	55%6300 CUB	
	1.0014	90.04.0601	560 P	55%6300 CBR	
	1.0015	90.04.0501	1000 P	55% 630V PLTP	
	1.0016	90.04.0302	1000 P	55% 630V PLTP	
	1.0017	90.02.0225	22 U	-10% 25V EL	
	1.0018	90.04.0601	560 P	55%6300 CBR	
(09)	1.0019	90.02.0370	97 U	-10% 10V EL	
(01)	1.0020	90.04.0302	1000 P	55% 630V PLTP	
	1.0021	90.04.0301	1000 P	55% 630V PLTP	
	1.0022	90.04.0501	1000 P	55% 630V PLTP	
(01)	1.0023			non. conformed	
	1.0024	90.04.1103	7.5V	55% 400V U	17% Not
	1.0025	90.04.1101	2 V	55% 400V U	
	1.0026	90.04.1121	24 V	55% 400V U	
	1.0027	90.04.1101	24 V	55% 400V U	
	1.0028	90.04.0525		14 4448 51	
	1.0029	90.04.0525		14 4448 51	
	1.0030	90.04.0525		14 4448 51	
	1.0031	1.777.61.01		HP-031	5%
	1.0032	1.777.61.01		HP-031	5%
	1.0033	1.777.61.01		HP-031	5%
	1.0034	1.777.61.01		HP-031	5%
	1.0035	1.777.61.01		HP-031	5%
	1.0036	1.777.61.01		HP-031	5%
	1.0037	1.777.61.01		HP-031	5%
	1.0038	1.777.61.01		HP-031	5%
	1.0039	1.777.61.01		HP-031	5%
	1.0040	1.777.61.01		HP-031	5%
	1.0041	1.777.61.01		HP-031	5%
	1.0042	1.777.61.01		HP-031	5%
	1.0043	1.777.61.01		HP-031	5%
	1.0044	1.777.61.01		HP-031	5%
	1.0045	1.777.61.01		HP-031	5%
	1.0046	1.777.61.01		HP-031	5%
	1.0047	1.777.61.01		HP-031	5%
	1.0048	1.777.61.01		HP-031	5%
	1.0049	1.777.61.01		HP-031	5%
	1.0050	1.777.61.01		HP-031	5%
	1.0051	1.777.61.01		HP-031	5%
	1.0052	1.777.61.01		HP-031	5%
	1.0053	1.777.61.01		HP-031	5%
	1.0054	1.777.61.01		HP-031	5%
	1.0055	1.777.61.01		HP-031	5%
	1.0056	1.777.61.01		HP-031	5%
	1.0057	1.777.61.01		HP-031	5%
	1.0058	1.777.61.01		HP-031	5%
	1.0059	1.777.61.01		HP-031	5%
	1.0060	1.777.61.01		HP-031	5%
	1.0061	1.777.61.01		HP-031	5%
	1.0062	1.777.61.01		HP-031	5%
	1.0063	1.777.61.01		HP-031	5%
	1.0064	1.777.61.01		HP-031	5%
	1.0065	1.777.61.01		HP-031	5%
	1.0066	1.777.61.01		HP-031	5%
	1.0067	1.777.61.01		HP-031	5%
	1.0068	1.777.61.01		HP-031	5%
	1.0069	1.777.61.01		HP-031	5%
	1.0070	1.777.61.01		HP-031	5%
	1.0071	1.777.61.01		HP-031	5%
	1.0072	1.777.61.01		HP-031	5%
	1.0073	1.777.61.01		HP-031	5%
	1.0074	1.777.61.01		HP-031	5%
	1.0075	1.777.61.01		HP-031	5%
	1.0076	1.777.61.01		HP-031	5%
	1.0077	1.777.61.01		HP-031	5%
	1.0078	1.777.61.01		HP-031	5%
	1.0079	1.777.61.01		HP-031	5%
	1.0080	1.777.61.01		HP-031	5%
	1.0081	1.777.61.01		HP-031	5%
	1.0082	1.777.61.01		HP-031	5%
	1.0083	1.777.61.01		HP-031	5%
	1.0084	1.777.61.01		HP-031	5%
	1.0085	1.777.61.01		HP-031	5%
	1.0086	1.777.61.01		HP-031	5%
	1.0087	1.777.61.01		HP-031	5%
	1.0088	1.777.61.01		HP-031	5%
	1.0089	1.777.61.01		HP-031	5%
	1.0090	1.777.61.01		HP-031	5%
	1.0091	1.777.61.01		HP-031	5%
	1.0092	1.777.61.01		HP-031	5%
	1.0093	1.777.61.01		HP-031	5%
	1.0094	1.777.61.01		HP-031	5%
	1.0095	1.777.61.01		HP-031	5%
	1.0096	1.777.61.01		HP-031	5%
	1.0097	1.777.61.01		HP-031	5%
	1.0098	1.777.61.01		HP-031	5%
	1.0099	1.777.61.01		HP-031	5%
	1.0100	1.777.61.01		HP-031	5%
	1.0101	1.777.61.01		HP-031	5%
	1.0102	1.777.61.01		HP-031	5%
	1.0103	1.777.61.01		HP-031	5%
	1.0104	1.777.61.01		HP-031	5%
	1.0105	1.777.61.01		HP-031	5%
	1.0106	1.777.61.01		HP-031	5%
	1.0107	1.777.61.01		HP-031	5%
	1.0108	1.777.61.01		HP-031	5%
	1.0109	1.777.61.01		HP-031	5%
	1.0110	1.777.61.01		HP-031	5%
	1.0111	1.777.61.01		HP-031	5%
	1.0112	1.777.61.01		HP-031	5%
	1.0113	1.777.61.01		HP-031	5%
	1.0114	1.777.61.01		HP-031	5%
	1.0115	1.777.61.01		HP-031	5%
	1.0116	1.777.61.01		HP-031	5%
	1.0117	1.777.61.01		HP-031	5%
	1.0118	1.777.61.01		HP-031	5%
	1.0119	1.777.61.01		HP-031	5%
	1.0120	1.777.61.01		HP-031	5%
	1.0121	1.777.61.01		HP-031	5%
	1.0122	1.777.61.01		HP-031	5%
	1.0123	1.777.61.01		HP-031	5%
	1.0124	1.777.61.01		HP-031	5%
	1.0125	1.777.61.01		HP-031	5%
	1.0126	1.777.61.01		HP-031	5%
	1.0127	1.777.61.01		HP-031	5%
	1.0128	1.777.61.01		HP-031	5%
	1.0129	1.777.61.01		HP-031	5%
	1.0130	1.777.61.01		HP-031	5%
	1.0131	1.777.61.01		HP-031	5%
	1.0132	1.777.61.01		HP-031	5%
	1.0133	1.777.61.01		HP-031	5%
	1.0134	1.777.61.01		HP-031	5%
	1.0135	1.777.61.01		HP-031	5%
	1.0136	1.777.61.01		HP-031	5%
	1.0137	1.777.61.01		HP-031	5%
	1.0138	1.777.61.01		HP-031	5%
	1.0139	1.777.61.01		HP-031	5%
	1.0140	1.777.61.01		HP-031	5%
	1.0141	1.777.61.01		HP-031	5%
	1.0142	1.777.61.01		HP-031	5%
	1.0143	1.777.61.01		HP-031	5%
	1.0144	1.777.61.01		HP-031	5%
	1.0145	1.777.61.01		HP-031	5%
	1.0146	1.777.61.01		HP-031	5%
	1.0147	1.777.61.01		HP-031	5%
	1.0148	1.777.61.01		HP-031	5%
	1.0149	1.777.61.01		HP-031	5%
	1.0150	1.777.61.01		HP-031	5%
	1.0151	1.777.61.01		HP-031	5%
	1.0152	1.777.61.01		HP-031	5%
	1.0153	1.777.61.01		HP-031	5%
	1.0154	1.777.61.01		HP-031	5%
	1.0155	1.777.61.01		HP-031	5%
	1.0156	1.777.61.01		HP-031	5%
	1.0157	1.777.61.01		HP-031	5%
	1.0158	1.777.61.01		HP-031	5%
	1.0159	1.777.61.01		HP-031	5%
	1.0160	1.777.61.01		HP-031	5%
	1.0161	1.777.61.01		HP-031	5%
	1.0162	1.777.61.01		HP-031	5%
	1.0163	1.777.61.01		HP-031	5%
	1.0164	1.777.61.01		HP-031	5%
	1.0165	1.777.61.01		HP-031	5%
	1.0166	1.777.61.01		HP-031	5%
	1.0167	1.777.61.01		HP-031	5%
	1.0168	1.777.61.01		HP-031	5%
	1.0169	1.777.61.01		HP-031	5%
	1.0170	1.777.61.01		HP-031	5%
	1.0171	1.777.61.01		HP-031	5%
	1.0172	1.777.61.01		HP-031	5%
	1.0173	1.777.61.01		HP-031	5%
	1.0174	1.777.61.01		HP-031	5%
	1.0175	1.777.61.01		HP-031	5%
	1.0176	1.777.61.01		HP-031	5%
	1.0177	1.777.61.01		HP-031	5%
	1.0178	1.777.61.01		HP-031	5%
	1.0179	1.777.61.01		HP-031	5%
	1.0180	1.777.61.01		HP-031	5%
	1.0181	1.777.61.01		HP-031	5%
	1.0182	1.777.61.01		HP-031	5%
	1.0183	1.777.61.01		HP-031	5%
	1.0184	1.777.61.01		HP-031	5%
	1.0185	1.777.61.01		HP-031	5%
	1.0186	1.777.61.01		HP-031	5%
	1.0187	1.777.61.01		HP-031	5%
	1.0188	1.777.61.01		HP-031	5%
	1.0189	1.777.61.01		HP-031	5%
	1.0190	1.777.61.01		HP-031	5%
	1.0191	1.777.61.01		HP-031	5%
	1.0192	1.777.61.01		HP-031	5%
	1.0193	1.777.61.01		HP-031	5%
	1.0194	1.777.61.01		HP-031	5%
	1.0195	1.777.61.01		HP-031	5%
	1.0196	1.777.61.01		HP-031	5%
	1.0197	1.777.61.01		HP-031	5%
	1.0198	1.777.61.01		HP-031	5%
	1.0199	1.777.61.01		HP-031	5%
	1.0200	1.777.61.01		HP-031	5%
	1.0201	1.777.61.01		HP-031	5%
	1.0202	1.777.61.01		HP-031	5%
	1.0203	1.777.61.01		HP-031	5%
	1.0204	1.777.61.01		HP-031	5%
	1.0205	1.777.61.01		HP-031	5%
	1.0206	1.777.61.01		HP-031	5%
	1.0207	1.777.61.01		HP-031	5%
	1.0208	1.777.61.01		HP-031	5%
	1.0209	1.777.61.01		HP-031	5%
	1.0210	1.777.61.01		HP-031	5%
	1.0211	1.777.61.01		HP-031	5%
	1.0212	1.777.61.01		HP-031	5%
	1.0213	1.777.61.01		HP-031	5%
	1.0214	1.777.61.01		HP-031	5%
	1.0215	1.777.61.01		HP-031	5%
	1.0216	1.777.61.01		HP-031	5%
	1.0217	1.777.61.01		HP-031	5%
	1.0218	1.777.61.01		HP-031	5%
	1.0219	1.777.61.01		HP-031	5%
	1.0220	1.777.61.01		HP-031	5%
	1.0221	1.777.61.01		HP-031	5%
	1.0222	1.777.61.01		HP-031	5%
	1.0223	1.777.61.01		HP-031	5%
	1.0224	1.777.61.01		HP-031	5%
	1.0225	1.777.61.01		HP-031	5%
	1.0226	1.777.61.01		HP-031	5%
	1.0227	1.777.61.01		HP-031	5%
	1.0228	1.777.61.01		HP-031	

IND.	POS-WO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
	..0290	57-11-4673	67 K	2% 0207 * M	
	..0291			FROM COMMAND	
	..0292	57-11-4334	330 K	5% 0207 * M	
	..0293	57-11-4673	67 K	2% 0207 * M	
	..0294	57-11-3301	330	1% 0207 * M	
	..0295	57-11-3911	50 K	1% 0207 * M	
(02)	..0296	57-11-4211	220	2% 0207 * M	
	..0297	57-11-4102	1-2 K	5% 0207 * M	
(02)	..0298	57-11-4102	1-2 K	5% 0207 * M	
	..0299	57-11-4334	330 K	5% 0207 * M	
	..0300	57-11-4393	39 K	2% 0207 * M	
	..0301	57-11-4213	220	2% 0207 * M	
	..0302	57-11-4102	1-2 K	5% 0207 * M	
(00)	..0303	57-11-4672	67 K	2% 0207 * M	
(02)	..0304	57-11-4673	67 K	2% 0207 * M	
	..0305	57-11-4223	220 K	5% 0207 * M	
	..0306		4-7 K	5% 0207 * M	
	..0307	57-11-4223	220 K	2% 0207 * M	
	..0308		22 K	2% 0207 * M	
	..0309	57-11-4334	330 K	2% 0207 * M	
	..0310	57-11-4330	330	5% 0207 * M	
	..0311	57-11-5106	5106	5% 0207 * M	
(20)	..0312	57-11-5106	10 M	5% 0207 * M	
(02)	..0313	57-11-5106	10 M	5% 0207 * M	
(04)	..0314	57-11-5655	5-6 M	5% 0207 * M	
	..0315	58-06-4102	1 K	20% 1/4 W P RESCH	
	..0316	58-06-4102	1 K	20% 1/4 W P RESCH	
	T=0101	1-022-402-00	1010	INPUT TRANSFORMER	
	T=0101	1-022-437-00	1010	INPUT TRANSFORMER	51

INO	PUS-NO	PART NO	VALUE	SPECIFICATION & EQUIVALENT	MANUFACT
(03)	MP-0001	1777-110-12		PLAUNTLEFIER-PCB	5C
	MP-0002	1-1-10-001-23		CLIP	5C
	MP-0003	25-11-001-20	02-2955	PLAUNTLEFIER	5C
	MP-0004	50-0-01-001		STRIK	5C
	MP-0005	50-0-01-023	1 PILL	STRIK 131 ANGLE	AMP
	MP-0006	50-0-01-003	3 PILL	STRIK	AMP
	MP-0007	50-0-01-005		HC 327 F HC 357 B	17T-HP
	MP-0008	50-0-01-006		HC 327 F 5310	+
	MP-0009	50-0-01-007		HC 327 F 5310	+
	MP-0010	50-0-01-008		HC 327 F HC 347 B	54-HP
	MP-0011	50-0-01-009		HC 327 F HC 357 B	+
	MP-0012	50-0-01-010		J 11	+
	MP-0013	50-0-01-011		J 112	+
	MP-0014	50-0-01-012		HC 327 F 8310	+
	MP-0015	50-0-01-013		HC 327 F 8310	+
	MP-0016	50-0-01-014		HC 327 F HC 357 B	17T-HP
	MP-0017	50-0-01-015		HC 327 F HC 357 B	17T-HP
	MP-0018	50-0-01-016		HC 327 F	+
	MP-0019	50-0-01-017		HC 327 F	+
	MP-0020	50-0-01-018		HC 327 F	+
	MP-0021	50-0-01-019		HC 327 F	+
	MP-0022	50-0-01-020		HC 327 F	+
	MP-0023	50-0-01-021		HC 327 F	+
	MP-0024	50-0-01-022		HC 327 F	+
	MP-0025	50-0-01-023		HC 327 F	+
	MP-0026	50-0-01-024		HC 327 F	+
	MP-0027	50-0-01-025		HC 327 F	+
	MP-0028	50-0-01-026		HC 327 F	+
	MP-0029	50-0-01-027		HC 327 F	+
	MP-0030	50-0-01-028		HC 327 F	+
	MP-0031	50-0-01-029		HC 327 F	+
	MP-0032	50-0-01-030		HC 327 F	+
	MP-0033	50-0-01-031		HC 327 F	+
	MP-0034	50-0-01-032		HC 327 F	+
	MP-0035	50-0-01-033		HC 327 F	+
	MP-0036	50-0-01-034		HC 327 F	+
	MP-0037	50-0-01-035		HC 327 F	+
	MP-0038	50-0-01-036		HC 327 F	+
	MP-0039	50-0-01-037		HC 327 F	+
	MP-0040	50-0-01-038		HC 327 F	+
	MP-0041	50-0-01-039		HC 327 F	+
	MP-0042	50-0-01-040		HC 327 F	+
	MP-0043	50-0-01-041		HC 327 F	+
	MP-0044	50-0-01-042		HC 327 F	+
	MP-0045	50-0-01-043		HC 327 F	+
	MP-0046	50-0-01-044		HC 327 F	+
	MP-0047	50-0-01-045		HC 327 F	+
	MP-0048	50-0-01-046		HC 327 F	+
	MP-0049	50-0-01-047		HC 327 F	+
	MP-0050	50-0-01-048		HC 327 F	+
	MP-0051	50-0-01-049		HC 327 F	+
	MP-0052	50-0-01-050		HC 327 F	+
	MP-0053	50-0-01-051		HC 327 F	+
	MP-0054	50-0-01-052		HC 327 F	+
	MP-0055	50-0-01-053		HC 327 F	+
	MP-0056	50-0-01-054		HC 327 F	+
	MP-0057	50-0-01-055		HC 327 F	+
	MP-0058	50-0-01-056		HC 327 F	+
	MP-0059	50-0-01-057		HC 327 F	+
	MP-0060	50-0-01-058		HC 327 F	+
	MP-0061	50-0-01-059		HC 327 F	+
	MP-0062	50-0-01-060		HC 327 F	+
	MP-0063	50-0-01-061		HC 327 F	+
	MP-0064	50-0-01-062		HC 327 F	+
	MP-0065	50-0-01-063		HC 327 F	+
	MP-0066	50-0-01-064		HC 327 F	+
	MP-0067	50-0-01-065		HC 327 F	+
	MP-0068	50-0-01-066		HC 327 F	+
	MP-0069	50-0-01-067		HC 327 F	+
	MP-0070	50-0-01-068		HC 327 F	+
	MP-0071	50-0-01-069		HC 327 F	+
	MP-0072	50-0-01-070		HC 327 F	+
	MP-0073	50-0-01-071		HC 327 F	+
	MP-0074	50-0-01-072		HC 327 F	+
	MP-0075	50-0-01-073		HC 327 F	+
	MP-0076	50-0-01-074		HC 327 F	+
	MP-0077	50-0-01-075		HC 327 F	+
	MP-0078	50-0-01-076		HC 327 F	+
	MP-0079	50-0-01-077		HC 327 F	+
	MP-0080	50-0-01-078		HC 327 F	+
	MP-0081	50-0-01-079		HC 327 F	+
	MP-0082	50-0-01-080		HC 327 F	+
	MP-0083	50-0-01-081		HC 327 F	+
	MP-0084	50-0-01-082		HC 327 F	+
	MP-0085	50-0-01-083		HC 327 F	+
	MP-0086	50-0-01-084		HC 327 F	+
	MP-0087	50-0-01-085		HC 327 F	+
	MP-0088	50-0-01-086		HC 327 F	+
	MP-0089	50-0-01-087		HC 327 F	+
	MP-0090	50-0-01-088		HC 327 F	+
	MP-0091	50-0-01-089		HC 327 F	+
	MP-0092	50-0-01-090		HC 327 F	+
	MP-0093	50-0-01-091		HC 327 F	+
	MP-0094	50-0-01-092		HC 327 F	+
	MP-0095	50-0-01-093		HC 327 F	+
	MP-0096	50-0-01-094		HC 327 F	+
	MP-0097	50-0-01-095		HC 327 F	+
	MP-0098	50-0-01-096		HC 327 F	+
	MP-0099	50-0-01-097		HC 327 F	+
	MP-0100	50-0-01-098		HC 327 F	+
	MP-0101	50-0-01-099		HC 327 F	+
	MP-0102	50-0-01-100		HC 327 F	+
	MP-0103	50-0-01-101		HC 327 F	+
	MP-0104	50-0-01-102		HC 327 F	+
	MP-0105	50-0-01-103		HC 327 F	+
	MP-0106	50-0-01-104		HC 327 F	+
	MP-0107	50-0-01-105		HC 327 F	+
	MP-0108	50-0-01-106		HC 327 F	+
	MP-0109	50-0-01-107		HC 327 F	+
	MP-0110	50-0-01-108		HC 327 F	+
	MP-0111	50-0-01-109		HC 327 F	+
	MP-0112	50-0-01-110		HC 327 F	+
	MP-0113	50-0-01-111		HC 327 F	+
	MP-0114	50-0-01-112		HC 327 F	+
	MP-0115	50-0-01-113		HC 327 F	+
	MP-0116	50-0-01-114		HC 327 F	+
	MP-0117	50-0-01-115		HC 327 F	+
	MP-0118	50-0-01-116		HC 327 F	+
	MP-0119	50-0-01-117		HC 327 F	+
	MP-0120	50-0-01-118		HC 327 F	+
	MP-0121	50-0-01-119		HC 327 F	+
	MP-0122	50-0-01-120		HC 327 F	+
	MP-0123	50-0-01-121		HC 327 F	+
	MP-0124	50-0-01-122		HC 327 F	+
	MP-0125	50-0-01-123		HC 327 F	+
	MP-0126	50-0-01-124		HC 327 F	+
	MP-0127	50-0-01-125		HC 327 F	+
	MP-0128	50-0-01-126		HC 327 F	+
	MP-0129	50-0-01-127		HC 327 F	+
	MP-0130	50-0-01-128		HC 327 F	+
	MP-0131	50-0-01-129		HC 327 F	+
	MP-0132	50-0-01-130		HC 327 F	+
	MP-0133	50-0-01-131		HC 327 F	+
	MP-0134	50-0-01-132		HC 327 F	+
	MP-0135	50-0-01-133		HC 327 F	+
	MP-0136	50-0-01-134		HC 327 F	+
	MP-0137	50-0-01-135		HC 327 F	+
	MP-0138	50-0-01-136		HC 327 F	+
	MP-0139	50-0-01-137		HC 327 F	+
	MP-0140	50-0-01-138		HC 327 F	+
	MP-0141	50-0-01-139		HC 327 F	+
	MP-0142	50-0-01-140		HC 327 F	+
	MP-0143	50-0-01-141		HC 327 F	+
	MP-0144	50-0-01-142		HC 327 F	+
	MP-0145	50-0-01-143		HC 327 F	+
	MP-0146	50-0-01-144		HC 327 F	+
	MP-0147	50-0-01-145		HC 327 F	+
	MP-0148	50-0-01-146		HC 327 F	+
	MP-0149	50-0-01-147		HC 327 F	+
	MP-0150	50-0-01-148		HC 327 F	+
	MP-0151	50-0-01-149		HC 327 F	+
	MP-0152	50-0-01-150		HC 327 F	+
	MP-0153	50-0-01-151		HC 327 F	+
	MP-0154	50-0-01-152		HC 327 F	+
	MP-0155	50-0-01-153		HC 327 F	+
	MP-0156	50-0-01-154		HC 327 F	+
	MP-0157	50-0-01-155		HC 327 F	+
	MP-0158	50-0-01-156		HC 327 F	+
	MP-0159	50-0-01-157		HC 327 F	+
	MP-0160	50-0-01-158		HC 327 F	+
	MP-0161	50-0-01-159		HC 327 F	+
	MP-0162	50-0-01-160		HC 327 F	+
	MP-0163	50-0-01-161		HC 327 F	+
	MP-0164	50-0-01-162		HC 327 F	+
	MP-0165	50-0-01-163		HC 327 F	+
	MP-0166	50-0-01-164		HC 327 F	+
	MP-0167	50-0-01-165		HC 327 F	+
	MP-0168	50-0-01-166		HC 327 F	+
	MP-0169	50-0-01-167		HC 327 F	+
	MP-0170	50-0-01-168		HC 327 F	+
	MP-0171	50-0-01-169		HC 327 F	+
	MP-0172	50-0-01-170		HC 327 F	+
	MP-0173	50-0-01-171		HC 327 F	+
	MP-0174	50-0-01-172		HC 327 F	+
	MP-0175	50-0-01-173		HC 327 F	+
	MP-0176	50-0-01-174		HC 327 F	+
	MP-0177	50-0-01-175		HC 327 F	+
	MP-0178	50-0-01-176		HC 327 F	+
	MP-0179	50-0-01-177		HC 327 F	+
	MP-0180	50-0-01-178		HC 327 F	+
	MP-0181	50-0-01-179		HC 327 F	+
	MP-0182	50-0-01-180		HC 327 F	+
	MP-0183	50-0-01-181		HC 327 F	+
	MP-0184	50-0-01-182		HC 327 F	+
	MP-0185	50-0-01-183		HC 327 F	+
	MP-0186	50-0-01-184		HC 327 F	+
	MP-0187	50-0-01-185		HC 327 F	+
	MP-0188	50-0-01-186		HC 327 F	+
	MP-0189	50-0-01-187		HC 327 F	+
	MP-0190	50-0-01-188		HC 327 F	+
	MP-0191	50-0-01-189		HC 327 F	+
	MP-0192	50-0-01-190		HC 327 F	+
	MP-0193	50-0-01-191		HC 327 F	+
	MP-0194	50-0-01-192		HC 327 F	+
	MP-0195	50-0-01-193		HC 327 F	+
	MP-0196	50-0-01-194		HC 327 F	+
	MP-0197	50-0-01-195		HC 327 F	+
	MP-0198	50-0-01-196		HC 327 F	+
	MP-0199	50-0-01-197		HC 327 F	+
	MP-0200	50-0-01-198		HC 327 F	+
	MP-0201	50-0-01-199		HC 327 F	+
	MP-0202	50-0-01-200		HC 327 F	+
	MP-0203	50-0-01-201		HC 327 F	+
	MP-0204	50-0-01-202		HC 327 F	+
	MP-0205	50-0-01-203		HC 327 F	+
	MP-0206	50-0-01-204		HC 327 F	+
	MP-0207	50-0-01-205		HC 327 F	+
	MP-0208	50-0-01-206		HC 327 F	+
	MP-0209	50-0-01-207		HC 327 F	+
	MP-0210	50-0-01-208		HC 327 F	+
	MP-0211	50-0-01-209		HC 327 F	+
	MP-0212	50-0-01-210		HC 327 F	+
	MP-0213	50-0-01-211		HC 327 F	+
	MP-0214	50-0-01-212		HC 327 F	+
	MP-0215	50-0-01-213		HC 327 F	+
	MP-0216	50-0-01-214		HC 327 F	+
	MP-0217	50-0-01-215		HC 327 F	+
	MP-0218	50-0-01-216		HC 327 F	+
	MP-0219	50-0-01-217		HC 327 F	+
	MP-0220	50-0-01-218		HC 327 F	+
	MP-0221	50-0-01-219		HC 327 F	+
	MP-0222	50-0-01-220		HC 327 F	+
	MP-0223	50-0-01-2			

[illegible]



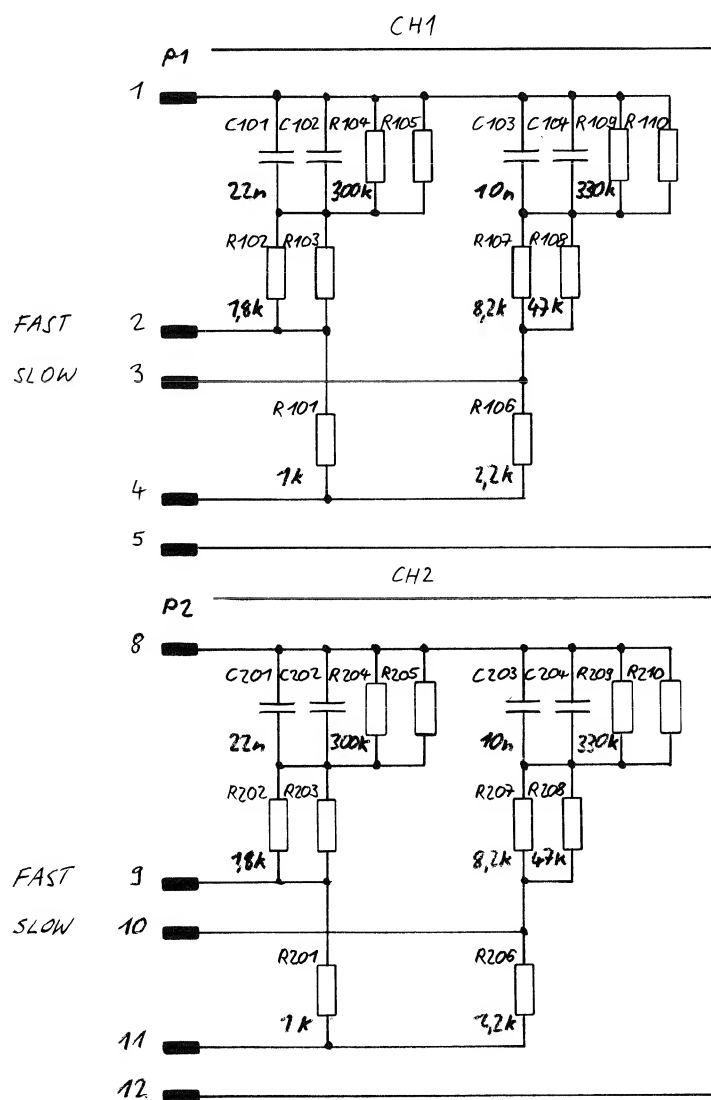


NO.	POS-NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
R-00119	51-11-14152	1-5 K	25k	2507 # MF	
R-00120	51-11-14151	100 K	25k	2507 # MF	
R-00121	51-11-14171	70 K	25k	2507 # MF	
R-00123	51-11-14152	1-5 K	25k	2507 # MF	
R-00174	51-11-14106	100 K	25k	2507 # MF	
R-00175	51-11-14105	100 K	25k	2507 # MF	
R-00176	51-11-14105	1 M	5k	2507 # MF	
R-00201	51-11-14109	100 K	25k	2507 # MF	
R-00202	51-11-14109	100 K	25k	2507 # MF	
R-00203	51-11-14105	1 M	5k	2507 # MF	
R-00204	51-11-14105	100 K	25k	2507 # MF	
R-00205	51-11-14104	100 K	25k	2507 # MF	
R-00206	51-11-14171	70 K	25k	2507 # MF	
R-00207	51-11-14106	100 K	25k	2507 # MF	
R-00208	51-11-14153	15 K	25k	2507 # MF	
R-00209	51-11-14105	100 K	25k	2507 # MF	
R-00210	51-11-14106	100 K	25k	2507 # MF	
R-00211	51-11-14274	220 K	25k	2507 # MF	
R-00213	51-11-14151	1-5 K	25k	2507 # MF	
R-00214	51-11-14274	70 K	25k	2507 # MF	
R-00215	51-11-14171	70 K	25k	2507 # MF	
R-00216	51-11-14171	70 K	25k	2507 # MF	
R-00217	51-11-14152	1-5 K	25k	2507 # MF	
R-00218	51-11-14152	1-5 K	25k	2507 # MF	
R-00219	51-11-14152	1-5 K	25k	2507 # MF	
R-00220	51-11-14171	70 K	25k	2507 # MF	
R-00221	51-11-14171	70 K	25k	2507 # MF	
R-00222	51-11-14274	220 K	25k	2507 # MF	
R-00224	51-11-14106	100 K	25k	2507 # MF	
R-00225	51-11-14274	220 K	25k	2507 # MF	
R-00226	51-11-14105	1 M	5k	2507 # MF	
R-00112	56-02-6222	2-2 K	20k	1-1 w P-5C8H	
R-00113	56-02-6222	1-7 K	20k	1-1 w P-5C8H	
R-00110	56-02-6222	2-2 K	20k	1-1 w P-5C8H	
R-00112	56-02-6222	2-2 K	20k	1-1 w P-5C8H	
R-00217	56-02-6222	2-2 K	20k	1-1 w P-5C8H	
R-00218	56-02-6222	2-2 K	20k	1-1 w P-5C8H	
R-00219	56-02-6222	2-2 K	20k	1-1 w P-5C8H	
R-00220	56-02-6222	2-2 K	20k	1-1 w P-5C8H	
T T A 0-6-68			25800	5000000	1-377-450-00 PAGE

IND.	PID=NO.	PART NO.	VALUE	SPECIFICATION / EQUIVALENT	MANUF.
	RA0222	75024472	4 T K	20% x1 M + PLCSH	
[01] DT040T SW Adeptation					
MANUFACTURER: AMP&P Incorporated, ITT-Internetall, Motorola, Philips, NCC-Nippon, Ilselec-CRPy, RO-Mational Semiconductor, R&B, Raytheon, ITT-Studer.					
ORIG	05/09/16	[01] 07/04/07	HERNO - EQUIP LITER 04080 - A	1-777-620-00	PAGE



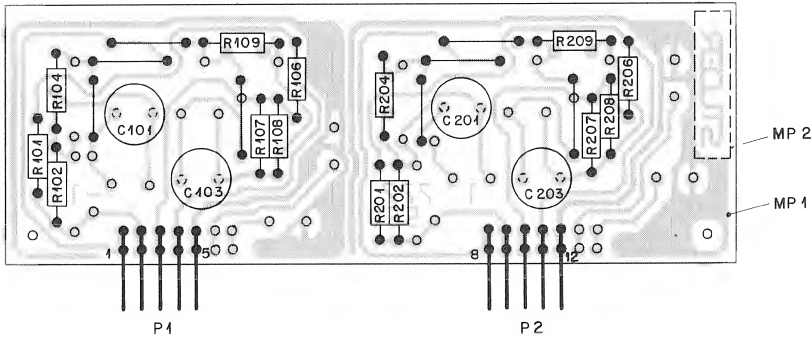
REPRO SPEED BOARD 9.5/19 IEC 1.777.630.00

**Note:**

Components with no value indication are not installed.

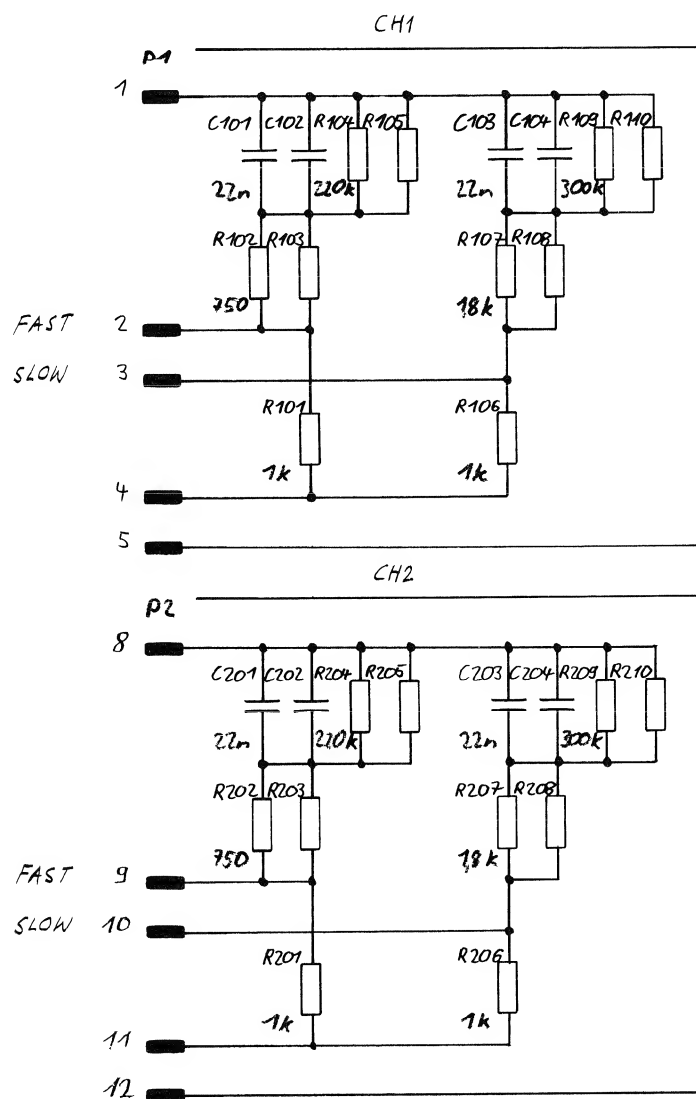
©14.2.873 F1	○ ..	○ ..	○ ..	○ ..
C270	PAGE 1 OF 1			
STUDER	REPRO SPEED B. 9.5 / 19 IEC (3,75 / 7,5) SC 1.777.630.00			

REPRO SPEED BOARD 9.5/19 IEC 1.777.630.00



INO.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
	C..0101	59.05.2223	.022 U	2.5%, 63V , PP	
	C..0103	59.05.2103	.01 U	2.5%, 63V , PP	
	C..0201	59.05.2223	.022 U	2.5%, 63V , PP	
	C..0203	59.05.2103	.01 U	2.5%, 63V , PP	
	MP..0001	1.777.550.11		REPRO. SPEED BOARD PCB	
	MP..0002	1.777.630.01		Label	
	P..0001	54.01.0269	5 PDL.	STRIP C15	
	P..0002	54.01.0269	5 PDL.	STRIP C15	
	R..0101	57.11.3102	1 K	1%, 0207 , MF	
	R..0102	57.11.3182	1.8 K	1%, 0207 , MF	
	R..0104	57.11.3304	300 K	1%, 0207 , MF	
	R..0106	57.11.3222	2.2 K	1%, 0207 , MF	
	R..0107	57.11.3822	8.2 K	1%, 0207 , MF	
	R..0108	57.11.3473	47 K	1%, 0207 , MF	
	R..0109	57.11.3334	330 K	1%, 0207 , MF	
	R..0201	57.11.3102	1 K	1%, 0207 , MF	
	R..0202	57.11.3182	1.8 K	1%, 0207 , MF	
	R..0204	57.11.3304	300 K	1%, 0207 , MF	
	R..0206	57.11.3222	2.2 K	1%, 0207 , MF	
	R..0207	57.11.3822	8.2 K	1%, 0207 , MF	
	R..0208	57.11.3473	47 K	1%, 0207 , MF	
	R..0209	57.11.3334	330 K	1%, 0207 , MF	

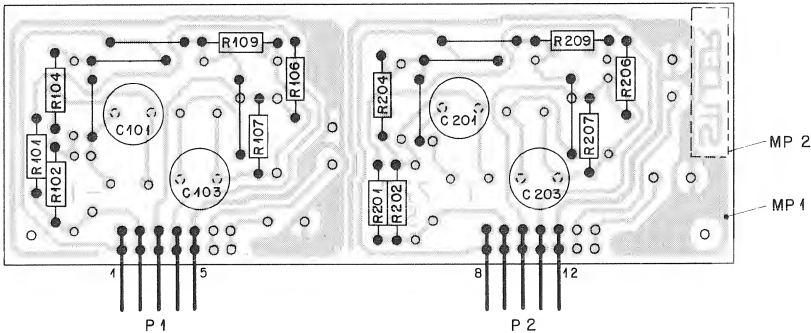
REPRO SPEED BOARD 19/38 IEC 1.777.632.00

**Note:**

Components with no value indication are not installed.

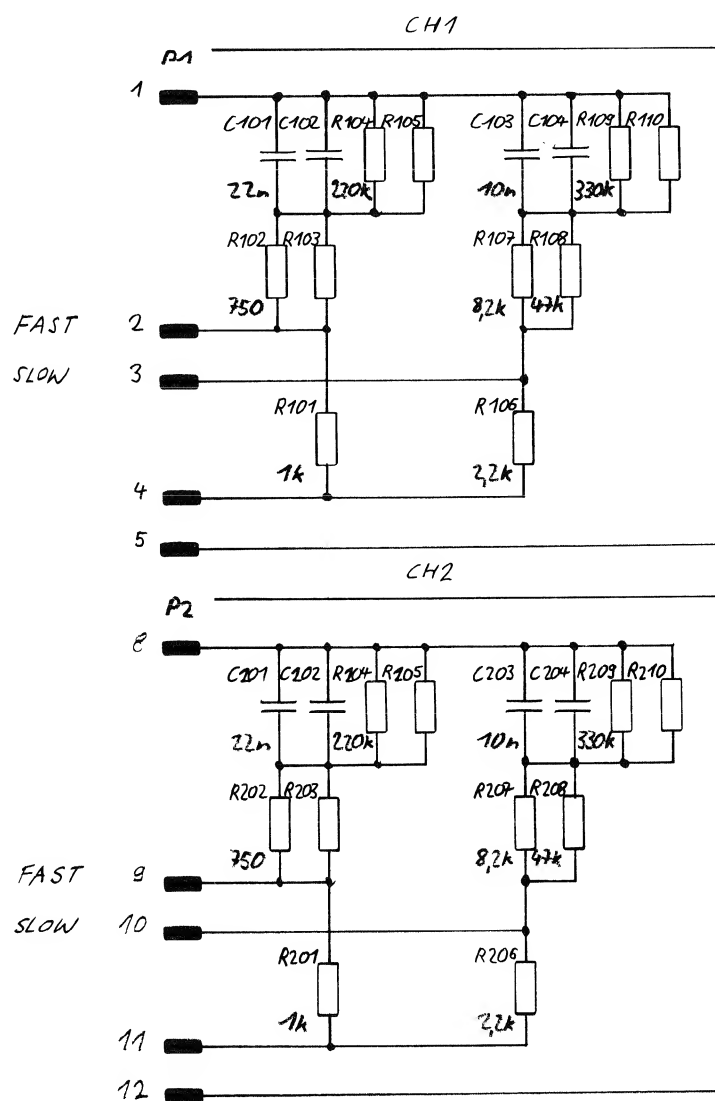
① 14.287	FA	...	...	...	...
		C270			PAGE 1 OF 1
STUDER		REPRO SPEED B, 19/38 IEC (7,5 /15)	SC	1.777.632.00	

REPRO SPEED BOARD 19/38 IEC 1.777.632.00



IND.	POS. NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
C..0101		59.05.2223	.022 U	2.5%, 63V, PP	
C..0103		59.05.2223	.022 U	2.5%, 63V, PP	
C..0201		59.05.2223	.022 U	2.5%, 63V, PP	
C..0203		59.05.2223	.022 U	2.5%, 63V, PP	
MP.0001		1.777.550.11		REPRO. SPEED BOARD PCB	
MP.0002		1.777.632.01		Label	
P..0001		56.01.0269	5 POL.	STRIP CIS	
P..0002		56.01.0269	5 POL.	STRIP CIS	
R..0101		57.11.3102	1 K	1%, 0207, MF	
R..0102		57.11.3751	750	1%, 0207, MF	
R..0104		57.11.4224	220 K	1%, 0207, MF	
R..0106		57.11.3102	1 K	1%, 0207, MF	
R..0107		57.11.3102	1.8 K	1%, 0207, MF	
R..0109		57.11.3304	300 K	1%, 0207, MF	
R..0201		57.11.3102	1 K	1%, 0207, MF	
R..0202		57.11.3751	750	1%, 0207, MF	
R..0204		57.11.4224	220 K	1%, 0207, MF	
R..0206		57.11.3102	1 K	1%, 0207, MF	
R..0207		57.11.3102	1.8 K	1%, 0207, MF	
R..0209		57.11.3304	300 K	1%, 0207, MF	

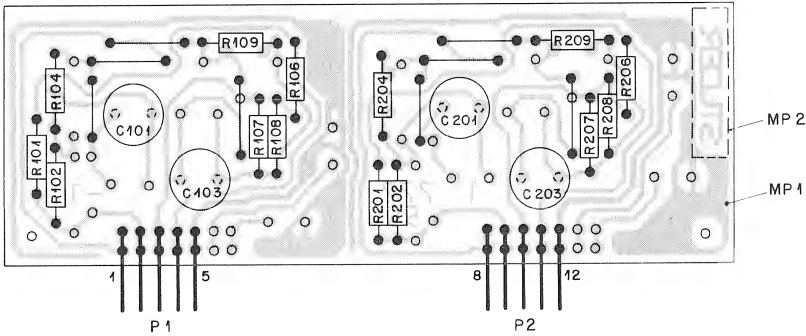
REPRO SPEED BOARD 9.5/38 IEC 1.777.634.00

**Note:**

Components with no value indication are not installed.

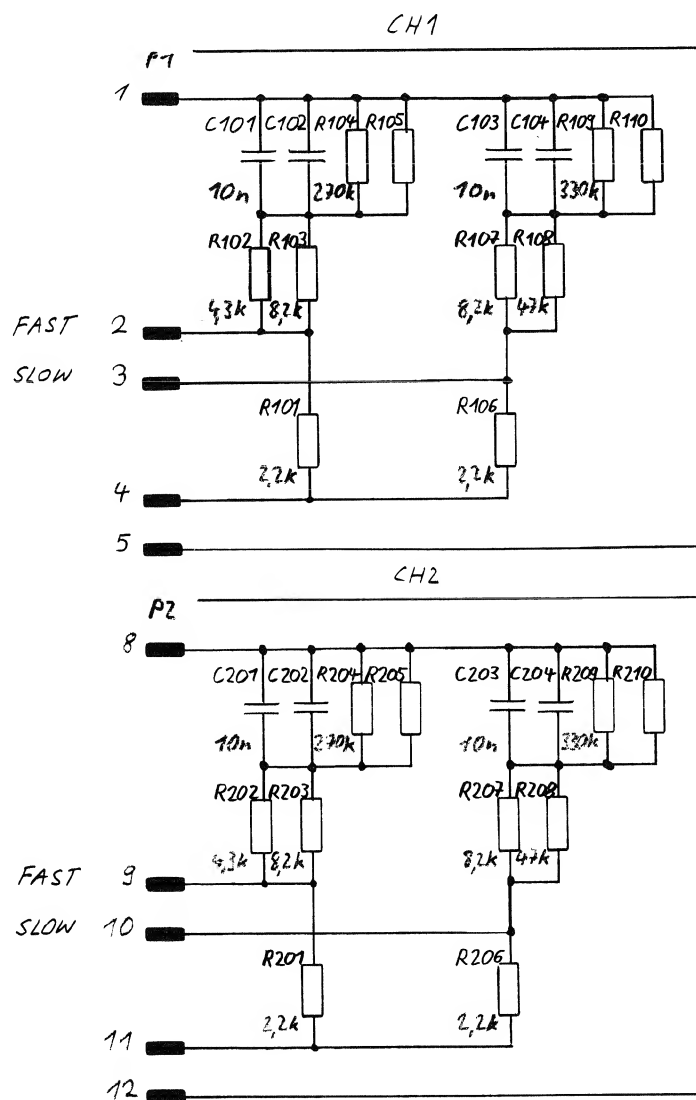
① 14.2.87	...	...	...	...
C270	PAGE 1 OF 1			
STUDER	REPRO SPEED B. 9.5/38 IEC(3,75/15)	SC	1.777.634.00	

REPRO SPEED BOARD 9.5/38 IEC 1.777.634.00



IND.	POS. NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
		C..0101	59.05.2223	.022 U	2.5% 63V * PP
		C..0103	59.05.2103	.01 U	2.5% 63V * PP
		C..0201	59.05.2223	.022 U	2.5% 63V * PP
		C..0203	59.05.2103	.01 U	2.5% 63V * PP
		MP..0001	1.777.550.11	REPRO. SPEED BOARD PCB	
		MP..0002	1.777.634.01	Label	
		P..0001	54.01.0269	5 POL.	STRIP C15
		P..0002	54.01.0269	5 POL.	STRIP C15
		R..0101	57.11.3102	1 K	1% 0207 * MF
		R..0102	57.11.3751	750	1% 0207 * MF
		R..0104	57.11.3224	220 K	1% 0207 * MF
		R..0106	57.11.3222	2.2 K	1% 0207 * MF
		R..0107	57.11.3022	8.2 K	1% 0207 * MF
		R..0108	57.11.3473	47 K	1% 0207 * MF
		R..0109	57.11.3334	330 K	1% 0207 * MF
		R..0201	57.11.3102	1 K	1% 0207 * MF
		R..0202	57.11.3751	750	1% 0207 * MF
		R..0204	57.11.3224	220 K	1% 0207 * MF
		R..0206	57.11.3222	2.2 K	1% 0207 * MF
		R..0207	57.11.3022	8.2 K	1% 0207 * MF
		R..0208	57.11.3473	47 K	1% 0207 * MF
		R..0209	57.11.3334	330 K	1% 0207 * MF

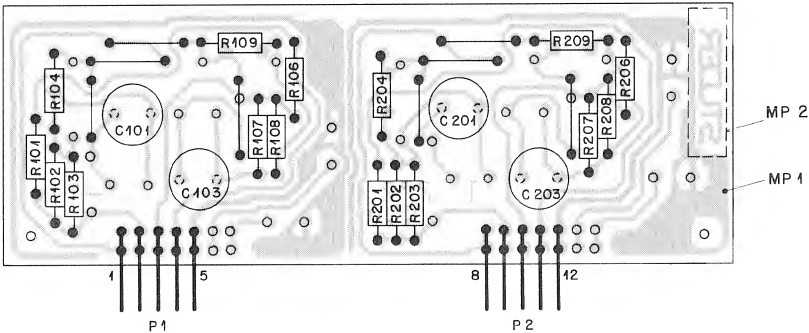
REPRO SPEED BOARD 9.5/19 NAB 1.777.636.00

**Note:**

Components with no value indication are not installed.

14.2.87 kHz	...	...	...	...
C270	PAGE 1 OF 1			
STUDER	REPRO SPEED B. 9.5/19 NAB (3,75/7,5) SC	1.777.636.00		

REPRO SPEED BOARD 9.5/19 NAB 1.777.636.00



IND.	PDS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
		C..0101	59.05.2103	.01 U	2.5%, 63V x PP
		C..0103	59.05.2103	.01 U	2.5%, 63V x PP
		C..0201	59.05.2103	.01 U	2.5%, 63V x PP
		C..0203	59.05.2103	.01 U	2.5%, 63V x PP
		MP.0001	1.777.550.11	REPRO SPEED BOARD PCB	
		MP.0002	1.777.636.01	Label	
		P..0001	54.01.0269	5 PDL.	STRIP C15
		P..0002	54.01.0269	5 PDL.	STRIP C15
		R..0101	57.11.3222	2x2 K	1%, 0207 x MF
		R..0102	57.11.3432	4x3 K	1%, 0207 x MF
		R..0103	57.11.3822	8x2 K	1%, 0207 x MF
(00)		R..0104	57.11.3274	270 K	1%, 0207 x MF
(01)		R..0104	57.11.4274	270 K	2%, 0207 x MF
		R..0106	57.11.3222	2x2 K	1%, 0207 x MF
		R..0107	57.11.3822	8x2 K	1%, 0207 x MF
		R..0108	57.11.3473	47 K	1%, 0207 x MF
		R..0109	57.11.3334	330 K	1%, 0207 x MF
		R..0201	57.11.3222	2x2 K	1%, 0207 x MF
		R..0202	57.11.3432	4x3 K	1%, 0207 x MF
		R..0203	57.11.3822	8x2 K	1%, 0207 x MF
(00)		R..0204	57.11.3274	270 K	1%, 0207 x MF
(01)		R..0204	57.11.4274	270 K	2%, 0207 x MF
		R..0206	57.11.3222	2x2 K	1%, 0207 x MF
		R..0207	57.11.3822	8x2 K	1%, 0207 x MF
		R..0208	57.11.3473	47 K	1%, 0207 x MF
		R..0209	57.11.3334	330 K	1%, 0207 x MF

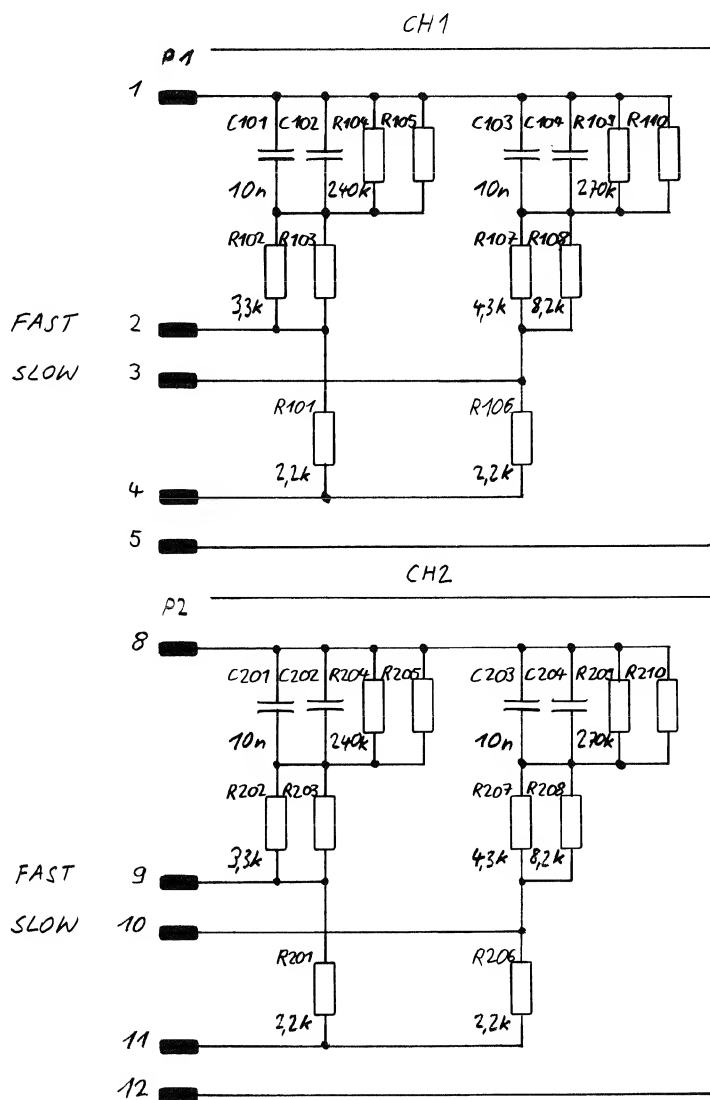
(01) 26.06.87 PARTNUMBER CHANGE

ORIG 86/09/16 (01) 87/06/26

S T U D E R (01) 87/06/26 REPRO SPEED BOARD 9.5/19 NAB 1.777.636.00 PAGE 1



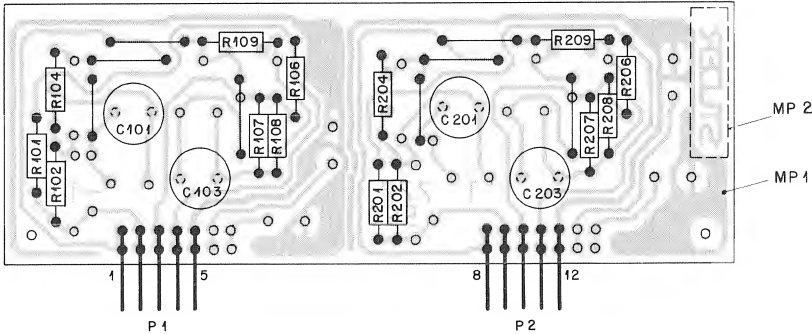
REPRO SPEED BOARD 19/38 NAB 1.777.638.00

**Note:**

Components with no value indication are not installed.

① 14.2.87 2: 5: 11	○ ..	○ ..	○ ..	○ ..
	C270			PAGE 1 OF 1
STUDER	REPRO SPEED B. 19/38 NAB (7,5 / 15)	SC	1.777.638.00	

REPRO SPEED BOARD 19/38 NAB 1.777.638.00



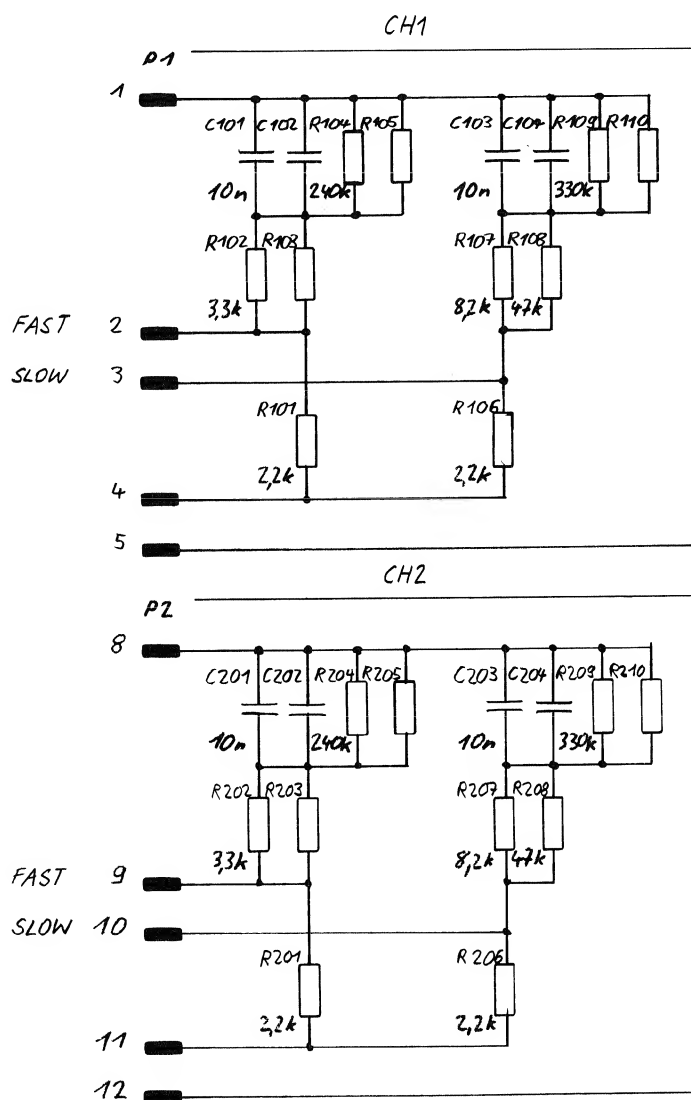
IND.	POS.-NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
	C..0101	59.05.2103	.01 U	2.5%, 63V, PP	
	C..0103	59.05.2103	.01 U	2.5%, 63V, PP	
	C..0201	59.05.2103	.01 U	2.5%, 63V, PP	
	C..0203	59.05.2103	.01 U	2.5%, 63V, PP	
	MP..0001	1.777.550.11		REPRO. SPEED BOARD PCB	
	MP..0002	1.777.638.01		Label	
	P..0001	54.01.0269	5 POL	STRIP C15	
	P..0002	54.01.0269	5 POL	STRIP C15	
	R..0101	57.11.3222	2.2 K	1%, 0207, MF	
	R..0102	57.11.3332	3.3 K	1%, 0207, MF	
	R..0104	57.11.3244	240 K	1%, 0207, MF	
	R..0106	57.11.3222	2.2 K	1%, 0207, MF	
	R..0107	57.11.3432	4.3 K	1%, 0207, MF	
	R..0108	57.11.3822	8.2 K	1%, 0207, MF	
(00)	R..0109	57.11.3274	270 K	1%, 0207, MF	
(01)	R..0109	57.11.4274	270 K	2%, 0207, MF	
	R..0201	57.11.3222	2.2 K	1%, 0207, MF	
	R..0202	57.11.3332	3.3 K	1%, 0207, MF	
	R..0204	57.11.3244	240 K	1%, 0207, MF	
	R..0206	57.11.3222	2.2 K	1%, 0207, MF	
	R..0207	57.11.3432	4.3 K	1%, 0207, MF	
	R..0208	57.11.3822	8.2 K	1%, 0207, MF	
(00)	R..0209	57.11.3274	270 K	1%, 0207, MF	
(01)	R..0209	57.11.4274	270 K	2%, 0207, MF	

(01) 26.06.87 PARTNUMBER CHANGE

ORIG 86/09/16 (01) 87/06/26

S T U D E R (01) 87/06/26 REPRO. SPEED BOARD 19/38 NAB 1.777.638.00 PAGE 1

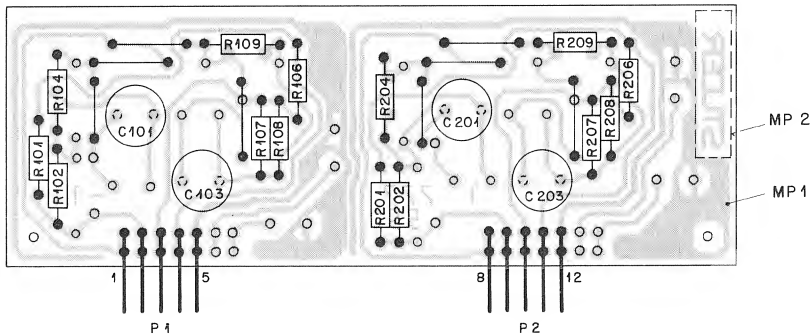
REPRO SPEED BOARD 9.5/38 NAB 1.777.639.00

**Note:**

Components with no value indication are not installed.

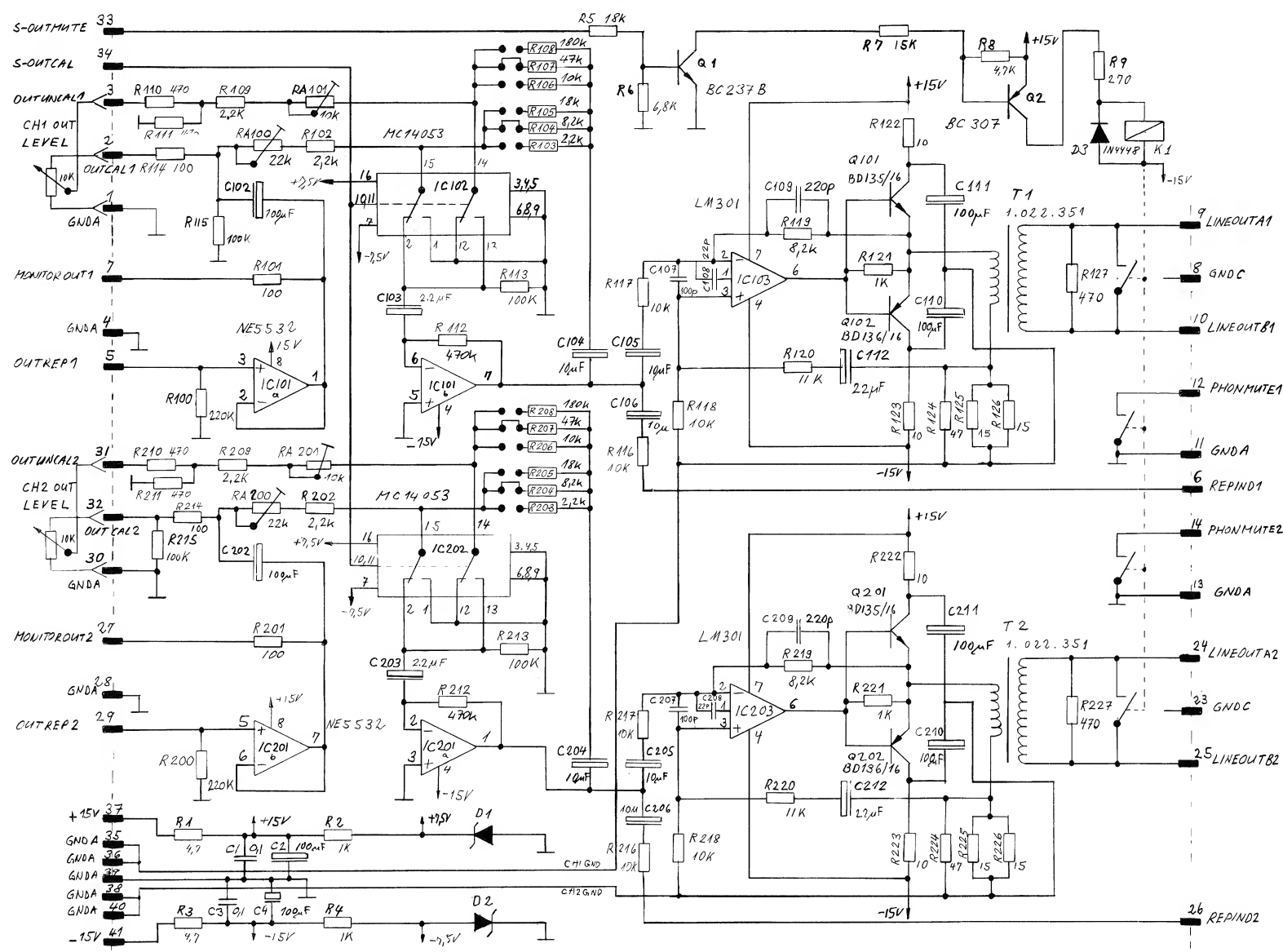
14.2.87	...	...	...	...
C270	PAGE 1 OF 1			
STUDER	REPRO SPEED B.9.5/38NAB(3,75/ 15)	SC	1.777.639.00	

REPRO SPEED BOARD 9.5/38 NAB 1.777.639.00



IND.	POS. NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
C..0101		59.05.2103	.01 U	2.5% 63V PP	
C..0103		59.05.2103	.01 U	2.5% 63V PP	
C..0201		59.05.2103	.01 U	2.5% 63V PP	
C..0203		59.05.2103	.01 U	2.5% 63V PP	
MP.0001		1.777.550.11		REPRO SPEED BOARD PCB	
MP.0002		1.777.639.01		Label	
P..0001		54.01.0269	5 PDL	STRIP CTS	
P..0002		54.01.0269	5 PDL	STRIP CTS	
R..0101		57.11.3222	2.2 K	1% 0207 MF	
R..0102		57.11.3332	3.3 K	1% 0207 MF	
R..0104		57.11.3244	240 K	1% 0207 MF	
R..0106		57.11.3222	2.2 K	1% 0207 MF	
R..0107		57.11.3822	8.2 K	1% 0207 MF	
R..0108		57.11.3473	.47 K	1% 0207 MF	
R..0109		57.11.3334	330 K	1% 0207 MF	
R..0201		57.11.3222	2.2 K	1% 0207 MF	
R..0202		57.11.3332	3.3 K	1% 0207 MF	
R..0204		57.11.3244	240 K	1% 0207 MF	
R..0206		57.11.3222	2.2 K	1% 0207 MF	
R..0207		57.11.3822	8.2 K	1% 0207 MF	
R..0208		57.11.3473	.47 K	1% 0207 MF	
R..0209		57.11.3334	330 K	1% 0207 MF	

## OUTPUT AMPLIFIER BOARD 1.777.640.00



PAGE 1 OF 1

1.777.640.00

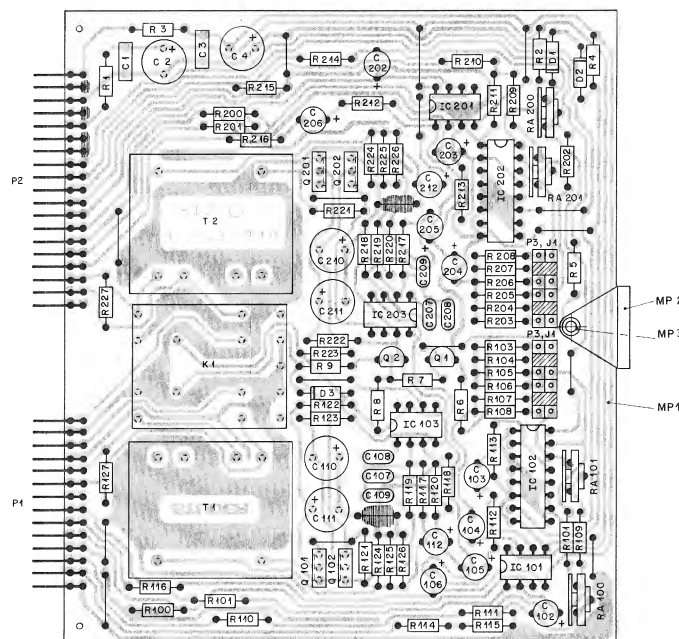
"ESE" SC

C270

STUDER



INO.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
------	---------	----------	-------	-----------------------------	--------



INQ.	POS-NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.	INQ.	POS-NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
	C-0001	59-00-5104	1 U	5% 63W PEP		R-0214	57-11-4101	100	2% 2007	#	
	C-0074	59-22-5101	10 U	>20% 25W 1L		R-0215	57-11-4102	100 K	2% 2007	#	
	C-0093	59-22-5104	1 U	5% 63W PEP		R-0226	57-11-4103	10 K	2% 2007	#	
	C-0104	59-22-5101	100 U	>20% 25W 1L		R-0227	57-11-4104	10 K	2% 2007	#	
	C-0102	59-22-5101	100 U	>20% 10W 1L		R-0228	57-11-4105	10 K	2% 2007	#	
	C-0103	59-22-5101	100 U	>20% 25W 1L		R-0229	57-11-4106	10 K	2% 2007	#	
	C-0104	59-22-5101	10 U	>20% 40W 1L		R-0230	57-11-4113	11 K	1% 2007	#	
	C-0105	59-22-5101	10 U	>20% 40W 1L		R-0231	57-11-4114	10 K	2% 2007	#	
	C-0129	59-22-5101	10 U	>20% 40W 1L		R-0232	57-11-4110	10 U	2% 2007	#	
	C-0127	59-22-5101	100 U	5% 25W 1L		R-0233	57-11-4111	100	2% 2007	#	
	C-0108	59-22-5101	22 P	5% 8150 1L		R-0234	57-11-4112	100	2% 2007	#	
	C-0109	59-22-5101	22 U	5% 8150 1L		R-0235	57-11-4113	47	2% 2007	#	
	C-0110	59-22-5101	100 U	>20% 25W 1L		R-0236	57-11-4114	100	2% 2007	#	
	C-0111	59-22-5101	100 U	>20% 25W 1L		R-0237	57-11-4115	15	2% 2007	#	
	C-0112	59-22-5101	22 U	>20% 25W 1L		R-0238	57-11-4116	100	2% 2007	#	
	C-0292	59-22-5101	100 U	>20% 10W 1L		R-0101	58-02-4103	10 K	20% 1% N PC18		Phy for alarm
	C-0293	59-22-5101	100 U	>20% 10W 1L		R-0102	58-02-4104	10 K	20% 1% N PC18		Phy for alarm
	C-0294	59-22-5101	10 U	>20% 40W 1L		R-0103	58-02-4105	10 K	20% 1% N PC18		Phy for alarm
	C-0295	59-22-5101	10 U	>20% 40W 1L		R-0104	58-02-4106	10 K	20% 1% N PC18		Phy for alarm
	C-0296	59-22-5101	10 U	>20% 40W 1L		T-0001	1-022-01-01		TRANSFORMER OUTPUT		
	C-0297	59-22-5101	100 P	5% 8150 1L		T-0002	1-022-01-02		TRANSFORMER OUTPUT		
	C-0298	59-22-5101	22 P	5% 8150 1L							
	C-0299	59-22-5101	220 P	5% 8150 1L							
	C-0310	59-22-5101	22 U	>20% 25W 1L							
	C-0311	59-22-5101	100 U	>20% 25W 1L							
	C-0312	59-22-5101	22 U	>20% 25W 1L							

[illegible]

INO.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	RANGE.
------	---------	----------	-------	-----------------------------	--------

TIME	FROM	TO	TYPE	STATUS	REMARKS
11-02-02	50-01-0015		MC 14 053PRB/CD 0053	MC 14	PHYSICS
11-02-03	50-01-0016		LM 14 301	LM 14	PHYSICS
11-02-04	50-01-0018	4 pcs	JUMPER		BQ
11-02-05	50-01-0024	249 VDU	220V / 24 V. PRINT		Demonstration of
(001)	MP-0003	1,277-640-11	OUTPUT AMPL. PC3		St
	MP-0004	1,777-640-12	INPUT AMPL. PC3		St
	MP-0005	1,410-640-13	GP 54		St
	MP-0006	26-21-10-00	TELEPHONE LIFT		St
01-0001	50-01-0074	14 PDU	STUBB	CIS ANGLES	AMP
01-0002	50-01-0075	14 PDU	STUBB	CIS ANGLES	AMP
01-0003	50-01-0070	24 pcs	HW 6/8/14		St
01-0004	50-01-0036		RE 237 B	8 MC 547 H	St
01-0005	50-01-0036		RE 117	8 MC 557 B	St
01-0101	50-01-0045		00 135-16		Phy Sec 10
01-0102	50-01-0045		00 135-16		
01-0103	50-01-0045		00 135-16		
01-0104	50-01-0045		00 135-16		
01-0202	50-01-0049		00 130-10		
01-0001	51-11-4470	4-7	21- 0207	MF	
01-0002	51-11-4482	1 K	21- 0207	MF	
01-0003	51-11-4470	4-7	21- 0207	MF	
01-0004	51-11-4482	1 K	21- 0207	MF	
01-0005	51-11-4183	18 K	21- 0207	MF	
01-0006	51-11-4183	18 K	21- 0207	MF	
01-0007	51-11-4153	15 K	21- 0207	MF	
01-0008	51-11-4470	4-7	21- 0207	MF	
01-0009	51-11-4271	270	21- 0207	MF	
01-0010	51-11-4271	270	21- 0207	MF	
01-0011	51-11-4101	10	21- 0207	MF	
01-0012	51-11-4272	2-2 K	21- 0207	MF	
01-0013	51-11-4202	2-2 K	21- 0207	MF	
01-0014	51-11-4002	0-2 K	21- 0207	MF	

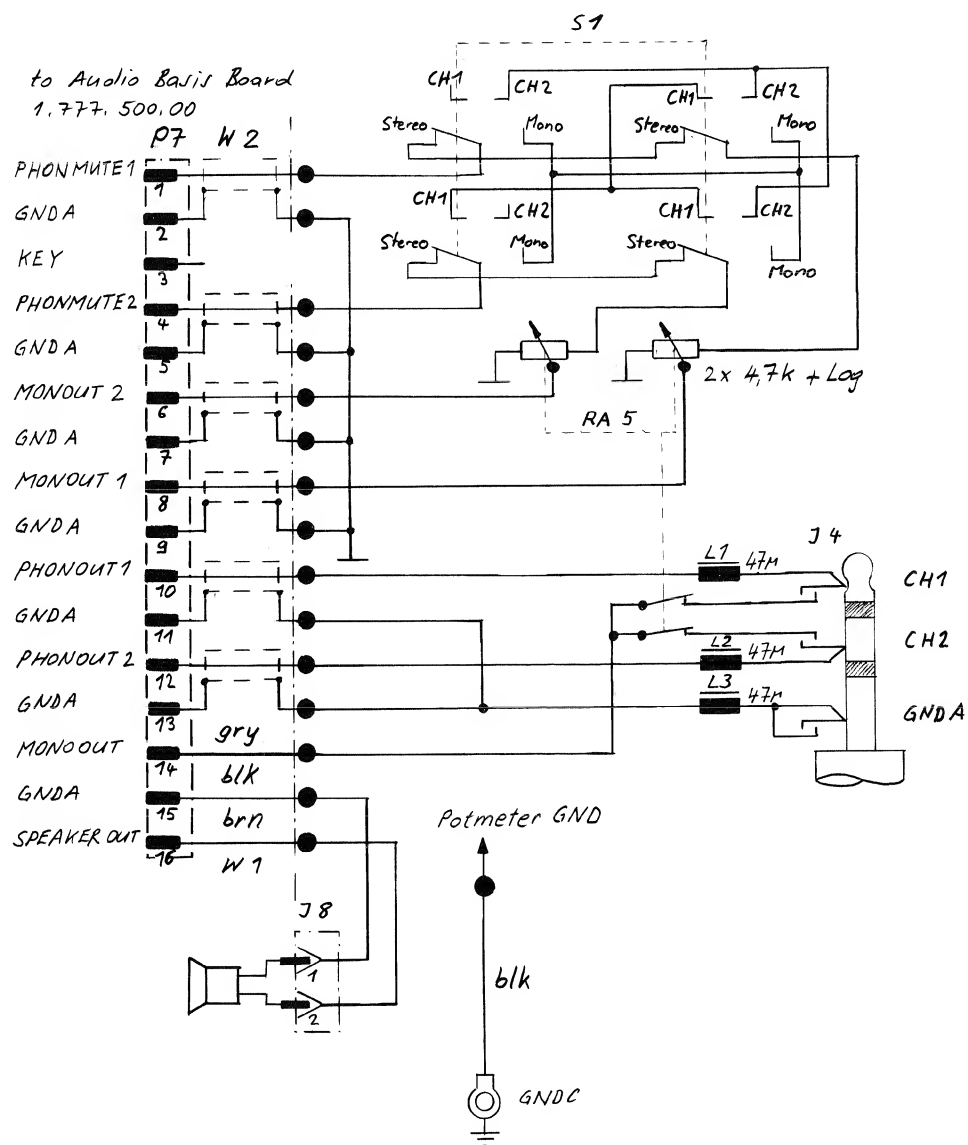
S T U D E R (01) 87/11/15 OUTPUT AMPL. BOARD A 1.777.640.00 PAGE 2

INO.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
------	---------	----------	-------	-----------------------------	--------

R-0105	57-11-4103	10 K	2%	2/07	MF
R-0106	57-11-4104	10 K	2%	2/07	MF
R-0107	57-11-4103	47 K	2%	2/07	MF
R-0108	57-11-4106	100 K	2%	2/07	MF
R-0109	57-11-4102	2+2 K	2%	2/07	MF
R-0110	57-11-4107	470 K	2%	2/07	MF
R-0111	57-11-4101	70 K	2%	2/07	MF
R-0112	57-11-4106	470 K	2%	2/07	MF
R-0113	57-11-4104	100 K	2%	2/07	MF
R-0114	57-11-4106	100 K	2%	2/07	MF
R-0115	57-11-4104	100 K	2%	2/07	MF
R-0116	57-11-4106	10 K	2%	2/07	MF
R-0117	57-11-4103	10 K	2%	2/07	MF
R-0118	57-11-4103	10 K	2%	2/07	MF
R-0119	57-11-4102	2+2 K	2%	2/07	MF
R-0120	57-11-4113	11 K	2%	2/07	MF
R-0121	57-11-4107	1 K	2%	2/07	MF
R-0122	57-11-4102	10 K	2%	2/07	MF
R-0123	57-11-4100	10	2%	2/07	MF
R-0124	57-11-4100	10	2%	2/07	MF
R-0125	57-11-4107	47 K	2%	2/07	MF
R-0126	57-11-4100	10	2%	2/07	MF
R-0127	57-11-4100	10	2%	2/07	MF
R-0128	57-11-4100	10	2%	2/07	MF
R-0129	57-11-4100	10	2%	2/07	MF
R-0130	57-11-4101	100 K	2%	2/07	MF
R-0131	57-11-4102	2+2 K	2%	2/07	MF
R-0132	57-11-4102	2+2 K	2%	2/07	MF
R-0133	57-11-4102	2+2 K	2%	2/07	MF
R-0134	57-11-4102	2+2 K	2%	2/07	MF
R-0135	57-11-4103	10 K	2%	2/07	MF
R-0136	57-11-4103	10 K	2%	2/07	MF
R-0137	57-11-4103	47 K	2%	2/07	MF
R-0138	57-11-4103	47 K	2%	2/07	MF
R-0139	57-11-4103	47 K	2%	2/07	MF
R-0140	57-11-4103	47 K	2%	2/07	MF
R-0141	57-11-4103	47 K	2%	2/07	MF
R-0142	57-11-4103	47 K	2%	2/07	MF
R-0143	57-11-4103	47 K	2%	2/07	MF
R-0144	57-11-4103	47 K	2%	2/07	MF
R-0145	57-11-4103	47 K	2%	2/07	MF
R-0146	57-11-4103	47 K	2%	2/07	MF
R-0147	57-11-4103	47 K	2%	2/07	MF
R-0148	57-11-4103	47 K	2%	2/07	MF
R-0149	57-11-4103	47 K	2%	2/07	MF
R-0150	57-11-4103	47 K	2%	2/07	MF
R-0151	57-11-4103	47 K	2%	2/07	MF
R-0152	57-11-4103	47 K	2%	2/07	MF
R-0153	57-11-4103	47 K	2%	2/07	MF
R-0154	57-11-4103	47 K	2%	2/07	MF
R-0155	57-11-4103	47 K	2%	2/07	MF
R-0156	57-11-4103	47 K	2%	2/07	MF
R-0157	57-11-4103	47 K	2%	2/07	MF
R-0158	57-11-4103	47 K	2%	2/07	MF
R-0159	57-11-4103	47 K	2%	2/07	MF
R-0160	57-11-4103	47 K	2%	2/07	MF
R-0161	57-11-4103	47 K	2%	2/07	MF
R-0162	57-11-4103	47 K	2%	2/07	MF
R-0163	57-11-4103	47 K	2%	2/07	MF
R-0164	57-11-4103	47 K	2%	2/07	MF
R-0165	57-11-4103	47 K	2%	2/07	MF

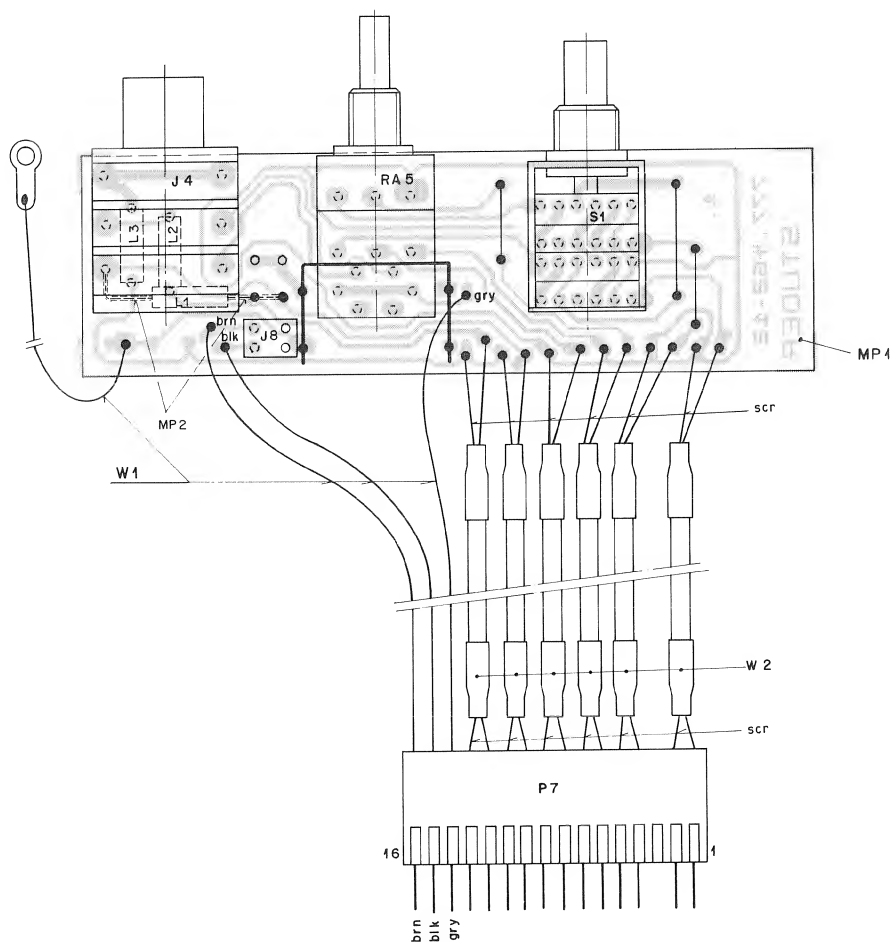
S T U O E R (01) 07/11/15 OUTPUT AMPL. BOARD A 1.777.640.00 PAGE 3

## AUDIO SWITCH BOARD 1.777.462.00



① 19.1.87 Z. M. E. L.	② 12.8.87 J. M. E. L.	③ 10.12.87 J. M. E. L.	④ ..	⑤ ..
C270				
STUDER			SC	1.777.462.00
SWITCH BOARD			PAGE 1 OF 1	

## AUDIO SWITCH BOARD 1.777.462.00



INO.	POS. NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
(01)	C..0001	59.32.3103		C 10 N ±20% CER	
(03)	C..0001	59.32.3103		not connected	
(01)	C..0002	59.32.3103		C 10 N ±20% CER	
(03)	C..0002			not connected	
(00)	C..0012	59.34.1101		C 100 P ±5% CER	
(01)	C..0012	59.06.0104		C 100 N ±10% PETP	
(03)	C..0012			not connected	
(03)	L..0001	62.01.0138		coil 47 Mikro	ph
(03)	L..0002	62.01.0138		coil 47 Mikro	ph
(03)	L..0003	62.01.0138		coil 47 Mikro	ph
(00)	J..0004	1.710.350.02	3 POL.	JACK STEREO	St
(01)	J..0008	54.01.0204	2 POL.	SOCKET STRIP CIS	AMP
(01)	J..0008	54.01.0204	2 POL.	SOCKET STRIP CIS	AMP
(00)	MP.0001	1.777.462.11		LEVEL-SWITCH PCB	St
(02)	MP.0001	1.777.462.12		LEVEL-SWITCH PCB	St
(03)	MP.0002	1.010.105.65	2 pcs	TUBE	St
	P..0007	54.01.0283	16 POL.	CASING CIS	AMP
	RA.0005	1.010.024.58		POT 4.7 K *LOG	Preh
	S..0001	1.725.810.02		ROTARY SWITCH	Alps
	W..0001	1.777.462.93		WL-SWITCH BOARD	St
	W..0002	1.777.462.94		KL-SWITCH BOARD	St

(01) 12.00.87 Value adjust  
(02) 15.11.87 PCB Revise  
(03) 10.12.87 FTZ Revise

MANUFACTURER: St=Studer, Alps=AlpsCo, AMP=AMP Incorporated,  
ph=Philips.

ORIG 87/01/20 (01) 87/08/12 (02) 87/11/15 (03) 87/12/10

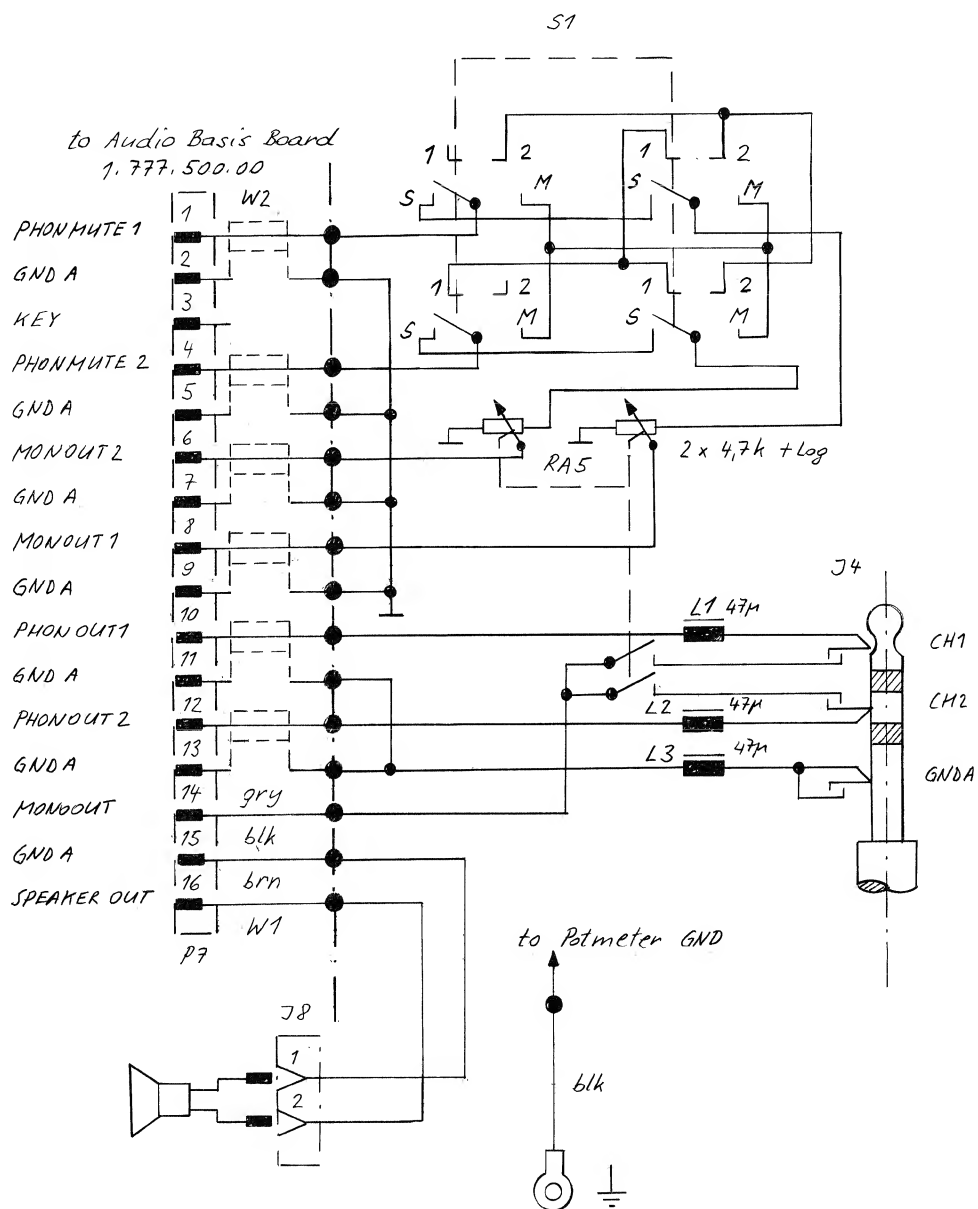
STUDER (03) 87/12/10

SWITCH BOARD

1.777.462.00 PAGE 1

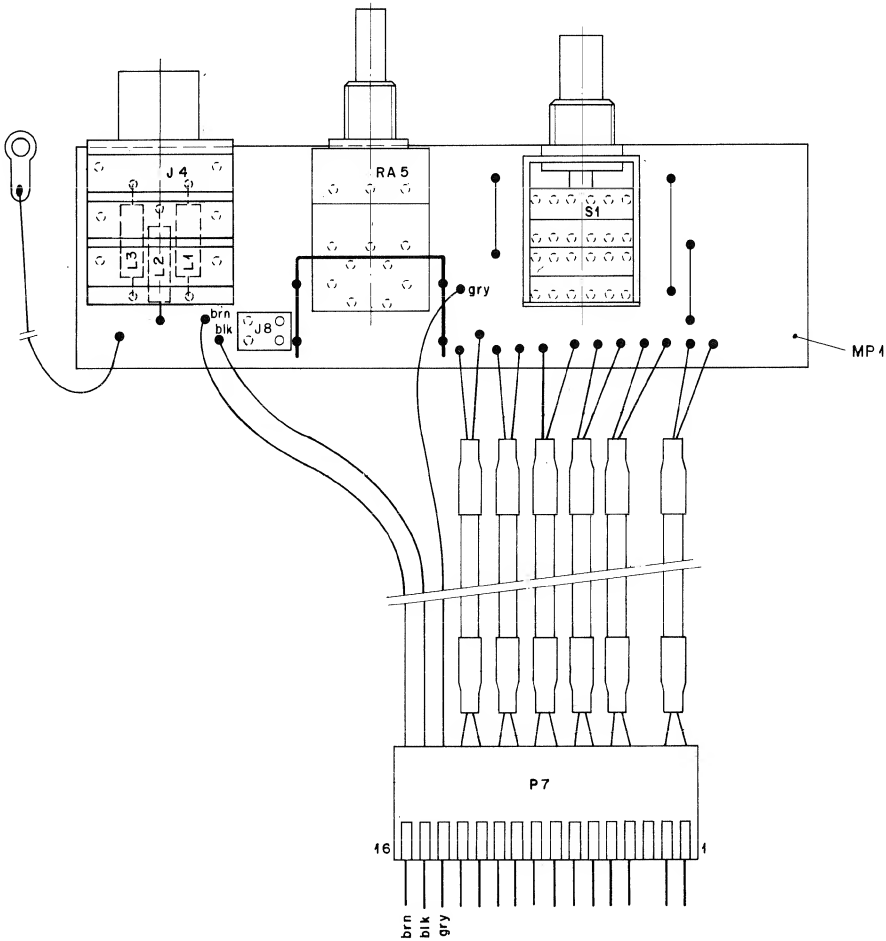


SWITCH BOARD	1.777.463.00
--------------	--------------



① 161287 J. MEY	○ ..	○ ..	○ ..	○ ..
	C 270	PAGE 1 OF 1		
STUDER	SWITCH BOARD		SC	1.777.463-00

SWITCH BOARD 1.777.463.00

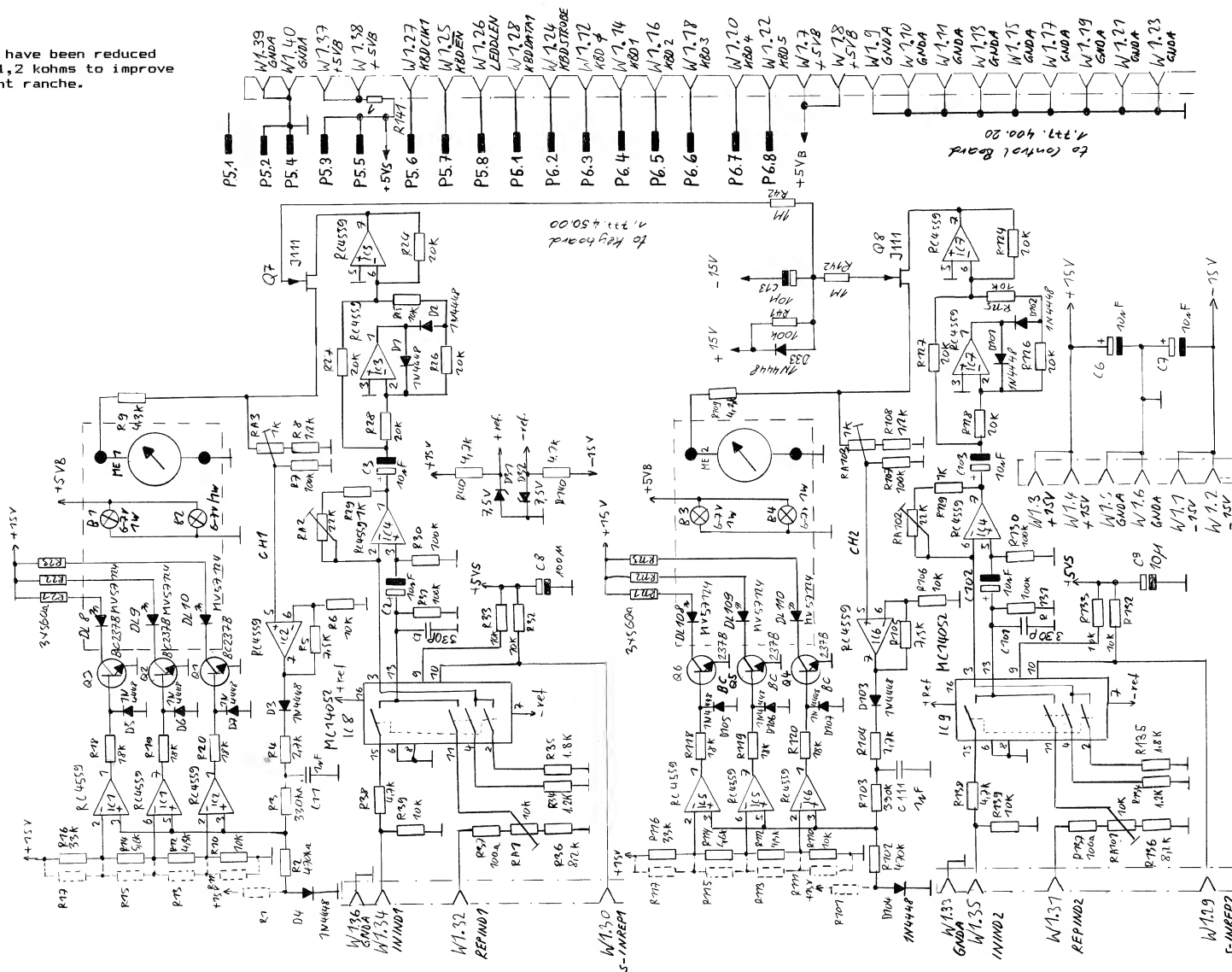


INO.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
	L..0001	62.01.0138		coil 47 Mikro	ph
	L..0002	62.01.0138		coil 47 Mikro	ph
	L..0003	62.01.0138		coil 47 Mikro	ph
	J..0004	1.710.390.02		JACK STEREO	St
	J..0008	54.01.0204	2 POL.	SOCKET STRIP CIS	AMP
	MP.0001	1.777.462.13		LEVEL-SWITCH PCB	St
	P..0007	54.01.0283	16 POL.	CASING CIS	AMP
	RA.0005	1.010.024.58		POT 4.7 K *LOG	Preh
	S..0001	1.725.810.02		ROTARY SWITCH	Alps
	W..0001	1.777.462.93		WL-SWITCH BOARD	St
	W..0002	1.777.462.94		KL-SWITCH BOARD	St

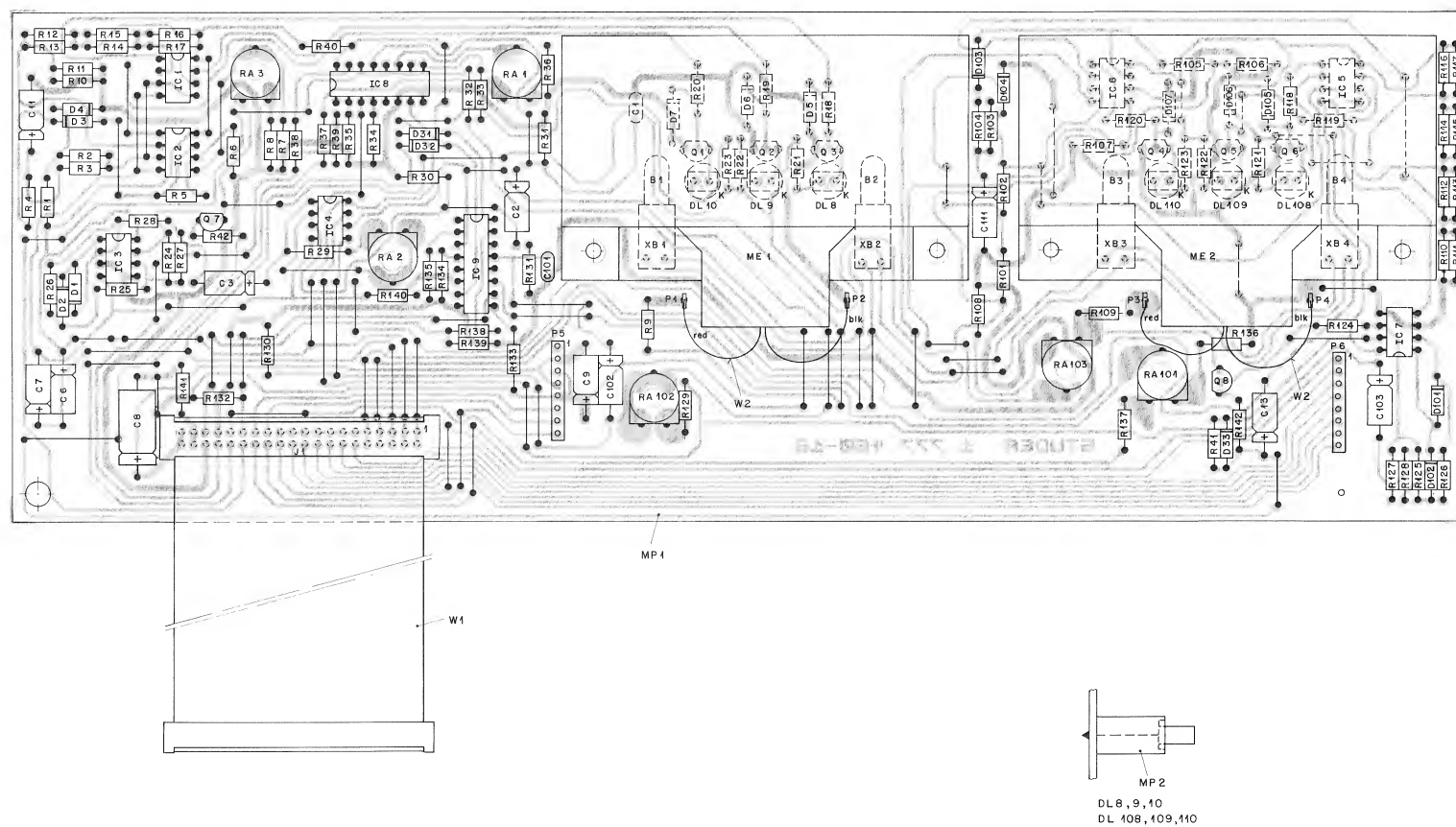
MANUFACTURER: ST=Studer,Alps=Alps&Co,AMP=AMP Incorporated,  
ph=Philips.  
ORIG 87/12/20  
S T U D E R (00) 87/12/20 SWITCH BOARD 1.777.463.00 PAGE 1

VU-PEAK BOARD 1.777.460.00

**Note:**  
R34 and R134 have been reduced  
from 1,8 to 1,2 kohms to improve  
the adjustment ranche.



VU-PEAK BOARD 1.777.460.00





## VU-PEAK BOARD 1.777.460.00

INO.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.	INO.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
	B..0001	51.02.0143	6 V	166A, W24x60	Osram		R..0029	57.11.4102	1 K	2%, 0207, MF	
	B..0002	51.02.0143	6 V	166A, W24x60	Osram		R..0030	57.11.4104	100 K	2%, 0207, MF	
	B..0003	51.02.0143	6 V	166A, W24x60	Osram		R..0031	57.11.4104	100 K	2%, 0207, MF	
	B..0004	51.02.0143	6 V	166A, W24x60	Osram		R..0032	57.11.4103	10 K	2%, 0207, MF	
(00)	C..0001	59.34.8331	330 P	2%, N750, CER		(00)	R..0033	57.11.4103	10 K	2%, 0207, MF	
	C..0001	59.34.4331	330 P	5%, N750, CER		(01)	R..0034	57.11.3911	910	1%, 0207, MF	
	C..0002	59.25.4100	10 U	-20%, 25V, EL		(03)	R..0034	57.11.4182	1.8 K	2%, 0207, MF	
	C..0003	59.25.4100	10 U	-20%, 25V, EL		(01)	R..0034	57.11.4122	1.2 K	2%, 0207, MF	
	C..0006	59.25.4100	10 U	-20%, 25V, EL		(00)	R..0035	57.11.4103	10 K	2%, 0207, MF	
	C..0007	59.25.4100	10 U	-20%, 25V, EL		(01)	R..0035	57.11.4182	1.8 K	2%, 0207, MF	
	C..0008	59.25.2101	100 U	-20%, 10V, EL		(00)	R..0036	57.11.4822	8.2 K	2%, 0207, MF	
	C..0009	59.25.4100	10 U	-20%, 25V, EL		(04)	R..0036	57.11.4472	4.7 K	2%, 0207, MF	
	C..0011	59.25.7109	1 U	-20%, 100V, EL		(05)	R..0036	57.11.3332	3.3 K	1%, 0207, MF	
	C..0013	59.25.4100	10 U	-20%, 25V, EL		R..0037	57.11.4101	100	2%, 0207, MF		
(00)	C..0101	59.34.8331	330 P	2%, N750, CER		R..0038	57.11.4472	4.7 K	2%, 0207, MF		
(01)	C..0101	59.34.4331	330 P	5%, N750, CER		R..0039	57.11.4103	10 K	2%, 0207, MF		
	C..0102	59.25.4100	10 U	-20%, 25V, EL		R..0040	57.11.4472	4.7 K	2%, 0207, MF		
	C..0103	59.25.4100	10 U	-20%, 25V, EL		R..0041	57.11.4104	100 K	2%, 0207, MF		
	C..0111	59.25.7109	1 U	-20%, 100V, EL		R..0042	57.11.4105	1 M	2%, 0207, MF		
	O..0001	50.04.0125		1N 4448, SI	Phr SES,ITT+Fc	R..0101	57.11.4105	not connected			
	O..0002	50.04.0125		1N 4448, SI		R..0102	57.11.4474	470 K	2%, 0207, MF		
	O..0003	50.04.0125		1N 4448, SI		R..0103	57.11.4334	330 K	2%, 0207, MF		
	O..0004	50.04.0125		1N 4448, SI		R..0104	57.11.4272	2.7 K	2%, 0207, MF		
	O..0005	50.04.0125		1N 4448, SI		R..0105	57.11.3752	7.5 K	2%, 0207, MF		
	O..0006	50.04.0125		1N 4448, SI		R..0106	57.11.4103	10 K	2%, 0207, MF		
	O..0007	50.04.0125		1N 4448, SI		R..0107	57.11.4104	100 K	2%, 0207, MF		
	O..0031	50.04.1103	7.5 V	5%, 40W, Z	ITT,Mot+Ph	R..0108	57.11.4122	1.2 K	2%, 0207, MF		
	O..0032	50.04.1103	7.5 V	5%, 40W, Z		R..0109	57.11.3632	4.3 K	2%, 0207, MF		
	O..0033	50.04.0125		1N 4448, SI		R..0110	57.11.4103	10 K	2%, 0207, MF		
	O..0101	50.04.0125		1N 4448, SI		R..0111	57.11.3432	4.3 K	2%, 0207, MF		
	O..0102	50.04.0125		1N 4448, SI		R..0113	57.11.4562	5.6 K	2%, 0207, MF		
	O..0103	50.04.0125		1N 4448, SI		R..0115	57.11.4333	33 K	2%, 0207, MF		
	O..0104	50.04.0125		1N 4448, SI		R..0117	57.11.4333	33 K	2%, 0207, MF		
	O..0105	50.04.0125		1N 4448, SI		R..0118	57.11.4183	18 K	2%, 0207, MF		
S T U D E R (03) 88/02/03 VU-PEAK-BOARD A 1.777.460.00 PAGE 1						S T U D E R (05) 88/12/01 VU-PEAK-BOARD A PL 1.777.460.00 PAGE 4					
INO.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.	INO.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
	D..0107	50.04.0125		1N 4448, SI		R..0119	57.11.4183	18 K	2%, 0207, MF		
	DL..0008	50.04.2119		LTL33221A,MV 57124	Lin+Gl+NS	R..0120	57.11.4183	18 K	2%, 0207, MF		
	DL..0009	50.04.2119		LTL33221A,MV 57124		R..0121	57.11.4561	560	2%, 0207, MF		
	DL..0010	50.04.2119		LTL33221A,MV 57124		R..0122	57.11.4561	560	2%, 0207, MF		
	DL..0108	50.04.2119		LTL33221A,MV 57124		R..0123	57.11.4561	560	2%, 0207, MF		
	DL..0109	50.04.2119		LTL33221A,MV 57124		R..0124	57.11.4203	20 K	1%, 0207, MF		
	DL..0110	50.04.2119		LTL33221A,MV 57124		R..0125	57.11.4103	10 K	2%, 0207, MF		
	IC..0001	50.09.0107		RC 4559 NB, UPC 4559	Ra	R..0126	57.11.3203	20 K	1%, 0207, MF		
	IC..0002	50.09.0107		RC 4559 NB, UPC 4559		R..0127	57.11.3203	20 K	1%, 0207, MF		
	IC..0003	50.09.0107		RC 4559 NB, UPC 4559		R..0128	57.11.3203	20 K	1%, 0207, MF		
	IC..0004	50.09.0107		RC 4559 NB, UPC 4559		R..0129	57.11.4102	1 K	2%, 0207, MF		
	IC..0005	50.09.0107		RC 4559 NB, UPC 4559		R..0130	57.11.4104	100 K	2%, 0207, MF		
	IC..0006	50.09.0107		RC 4559 NB, UPC 4559		R..0131	57.11.4104	100 K	2%, 0207, MF		
	IC..0007	50.09.0107		RC 4559 NB, UPC 4559		R..0132	57.11.4103	10 K	2%, 0207, MF		
	IC..0008	50.07.0024		MC 14052 OCP, 4052 BCP	+A	R..0133	57.11.4103	10 K	2%, 0207, MF		
	IC..0009	50.07.0024		MC 14052 OCP, 4052 BCP	+A	(00)	R..0134	57.11.3911	910	1%, 0207, MF	
(00)	ME..0001	1.727.360.01		VU-METER	St	(01)	R..0134	57.11.4182	1.8 K	2%, 0207, MF	
(01)	ME..0001	1.777.460.01		VU-METER	St	(03)	R..0134	57.11.4122	1.2 K	2%, 0207, MF	
(00)	ME..0002	1.727.360.01		VU-METER	St	(00)	R..0135	57.11.4103	10 K	2%, 0207, MF	
(01)	ME..0002	1.777.460.01		VU-METER	St	(01)	R..0135	57.11.4182	1.8 K	2%, 0207, MF	
(00)	MP..0001	1.777.460.11		VU-PEAK PCB	St	(04)	R..0136	57.11.4472	4.7 K	2%, 0207, MF	
(01)	MP..0001	1.777.460.11		VU-PEAK PCB -(1)	St	(05)	R..0136	57.11.3332	3.3 K	2%, 0207, MF	
(02)	MP..0001	1.777.460.12		VU-PEAK PCB	St	R..0137	57.11.4101	100	2%, 0207, MF		
(00)	MP..0002	1.777.460.02		6 pcs	LED-HOLDER	R..0138	57.11.4472	4.7 K	2%, 0207, MF		
(01)	MP..0002	1.777.460.03		6 pcs		R..0139	57.11.4103	10 K	2%, 0207, MF		
OP..0001	54.02.0320			FLAT PIN	AMP	R..0140	57.11.4472	4.7 K	2%, 0207, MF		
OP..0002	54.02.0320			FLAT PIN	AMP	(00)	R..0141	57.11.4279	2.7	2%, 0207, MF	
OP..0003	54.02.0320			FLAT PIN	AMP	(01)	R..0141	57.11.4109	1	2%, 0207, MF	
OP..0004	54.02.0320			FLAT PIN	AMP	R..0142	57.11.4105	1 M	2%, 0207, MF		
P..0005	54.11.0129	8 pcs		H=5,72/12-7	Berg	(03)	RA..0001	58.02.5103	10 K	20%, 1 W, PCSCH	
P..0006	54.11.0129	8 pcs		H=5,72/12-7	Berg	(05)	RA..0001	58.02.5473	47 K	20%, 1 W, PCSCH	
S T U D E R (03) 88/02/03 VU-PEAK-BOARD A 1.777.460.00 PAGE 2						S T U D E R (05) 88/12/01 VU-PEAK-BOARD A PL 1.777.460.00 PAGE 5					
INO.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.	INO.	POS.NO.	PART NO.	VALUE	SPECIFICATIONS / EQUIVALENT	MANUF.
	Q..0001	50.03.0436		8C 547 B, 8C 237 B	Sie+PhyMot	RA..0102	58.02.5223	22 K	20%, 1 W, PCSCH		
	Q..0002	50.03.0436		8C 547 B, 8C 237 B		RA..0103	58.02.5102	1 K	20%, 1 W, PCSCH		
	Q..0003	50.03.0436		8C 547 B, 8C 237 B		(01)	R..0001	1.777.810.00	2 pcs	FLATCABLE KEYBOARD	St
	Q..0004	50.03.0436		8C 547 B, 8C 237 B		R..0002	1.777.460.93	2 pcs	WL-VU-PEAK-BOARD	St	
	Q..0005	50.03.0436		8C 547 B, 8C 237 B		XB..0001	53.04.0107	W24x6	PRINT	Alwega	
	Q..0006	50.03.0436		8C 547 B, 8C 237 B		XB..0002	53.04.0107	W24x6	PRINT	Alwega	
	Q..0007	50.03.0216		J 111	+A	XB..0003	53.04.0107	W24x6	PRINT	Alwega	
	Q..0008	50.03.0216		J 111	+A	XB..0004	53.04.0107	W24x6	PRINT	Alwega	
	R..0001			not connected		(01)	12.08.87	Value adjust			
	R..0002	57.11.4474	470 K	2%, 0207, MF		(02)	15.11.87	PCB Revise			
	R..0003	57.11.4334	330 K	2%, 0207, MF		(03)	03.02.88	Value adjust			
	R..0004	57.11.4272	2.7 K	2%, 0207, MF		(04)	22.04.88	Value adjust			
	R..0005	57.11.3752	7.5 K	2%, 0207, MF		(05)	01.12.88	Value adjust			
	R..0006	57.11.4103	10 K	2%, 0207, MF		MANUFACTURER: Mot=Motorola, NS=National Semiconductors, Ph=Philips					
	R..0007	57.11.4104	100 K	2%, 0207, MF		ITT=Internatall,St=Studer,Sie=Siemens,Ra=Raytheon					
	R..0008	57.11.4122	1.2 K	2%, 0207, MF		Lin=Lintron,Gl=General Instruments,Fc=Fairchild					
	R..0009	57.11.3432	4.3 K	2%, 0207, MF		Ses=Secsem,Six=Siliconix,AMP=AMP Incorporated					
	R..0010	57.11.4103	10 K	2%, 0207, MF		ORIG 86/09/19 (01) 87/08/12 (02) 87/11/15 (03) 88/02/03 (04) 88/04/22					
	R..0011	57.11.4101	100	2%, 0207, MF		(05) 88/12/01					
	R..0012	57.11.3432	4.3 K	2%, 0207, MF		S T U D E R (03) 88/02/03 VU-PEAK-BOARD A 1.777.460.00 PAGE 3					
	R..0013	57.11.4562	5.6 K	2%, 0207, MF		S T U D E R (05) 88/12/01 VU-PEAK-BOARD A PL 1.777.460.00 PAGE 6					
	R..0015	57.11.4333	33 K	2%, 0207, MF							
	R..0017	57.11.4183	18 K	2%, 0207, MF							
	R..0018	57.11.4183	18 K	2%, 0207, MF							
	R..0019	57.11.4183	18 K	2%, 0207, MF							
	R..0020	57.11.4183	18 K	2%, 0207, MF							
	R..0021	57.11.4561	560	2%, 0207, MF							
	R..0022	57.11.4561	560	2%, 0207, MF							
	R..0023	57.11.4561	560	2%, 0207, MF							
	R..0024	57.11.3203	20 K	1%, 0207, MF							
	R..0025	57.11.4103	10 K	2%, 0207, MF							
	R..0026	57.11.3203	20 K	1%, 0207, MF							